



PHILIPPINES

MILITARY MEMORANDUM BOOK
AND MAP.

1901.

[Faint, illegible handwritten notes or bleed-through from the reverse side of the page.]

COPYRIGHT BY THE PUBLISHER.

CAPTAIN A. VON BRANDIS, 150 EAST 65TH STREET, NEW YORK.

1901.

IS 654
B 8

THE LIBRARY OF CONGRESS, TWO COPIES RECEIVED MAY. 7 1901 COPYRIGHT ENTRY <i>May 7, 1901</i> CLASS <i>a</i> XXc. No. <i>8961</i> COPY D.

Y. W. C. A. ...
...
...

1 86 17
ONE DOLLAR.

PHILIPPINES

MILITARY MEMORANDUM BOOK AND MAP.

1901.

NEW YORK :

LEMCKE & BUECHNER, 812 BROADWAY.

OTTO SCHMIDT & SON, 967 THIRD AVE.

BRENTANO'S, 31 UNION SQUARE.

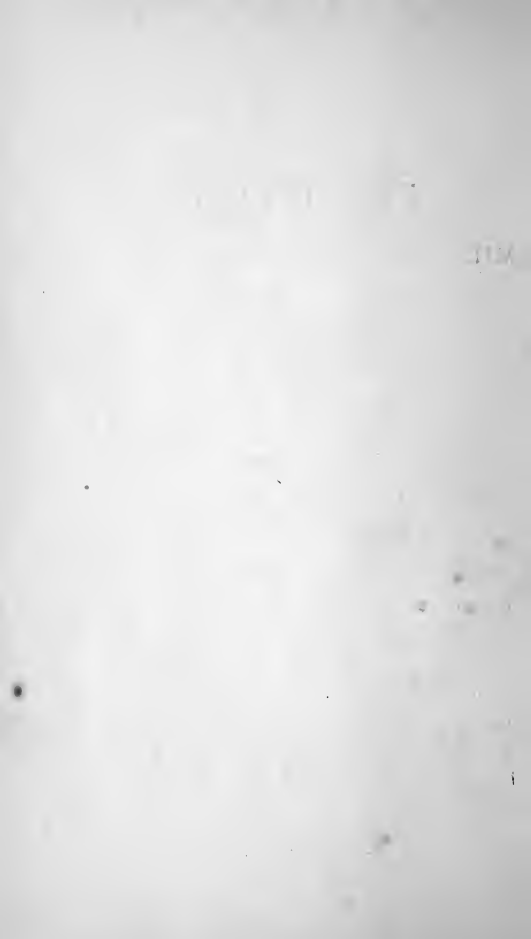
WASHINGTON : BRENTANO'S, 1015 PENN. AVE.

CHICAGO : BRENTANO'S, 218 WABASH AVE.

PARIS : BRENTANO'S, 37 AVE DE L'OPERA.

SAN FRANCISCO :

MANILA :



PREFACE.

This map with about thirteen hundred geographical notes is intended to serve as a **guide in the Philippine Islands**, to remind of events and of those who participated therein, to **promote exploration** of slumbering resources in manifold particulars, to become a companion of **permanent utility** for all visitors of the islands, to be welcome in the homes of those who returned from there and to all who take at heart the **welfare and development** of our **distant colonies**.

APRIL 1901.

THE AUTHOR.

The author will welcome all reports which might tend to further complete the work. If a sufficient number of suitable items should thus be furnished the publication of an Appendix is contemplated.

But he begs to be excused of useless return correspondence, which otherwise might assume too wide proportions.

If an Appendix will be issued, such as indicated above, it will be prepared in such a manner that the holder of a copy of this memorandum book can easily insert it into his copy.

The contents of this map-book constitute in the main, part 10, of an elaborate work "The American in the Philippines" which will be published as soon as a sufficient number of subscriptions has been secured. The price per copy is \$3.00.

CONTENTS OF THE COMPLETE BOOK.

Parts 1 to 8 (see particulars below) contain about 5,000 terms in English and Malay. **Part 9** contains about 4,500 terms from Malay into English.

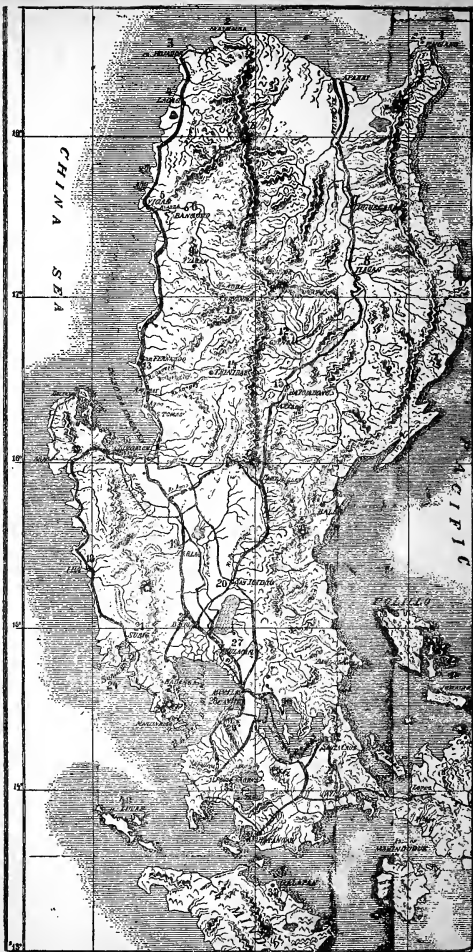
The seafaring terms, though also included in those 4,500 terms, have moreover been arranged separately, and cover about thirty typewritten pages, which like the pages of the present map-notes have not been counted in the book pages of parts 1 to 9, as mentioned below. The book pages marked here are typewritten pages, and from hence a provisory estimate.

CONTENTS SPECIFIED.

	Typewritten pages.
Part 1. Introduction , including numerals	I to IX
“ 2. Vocabulary of 1,400 most needed words, from English into Malay	1—51
“ 3. General Notes (Manila, minerals, vegetation, etc.)	52—60
“ 4. Vocabulary of about 1,500 seafaring terms, from English into Malay	—117
“ 5. Mercantile Terms and measures	118—123
“ 6. Course-Distances from Manila	123—126
“ 7. Vocabulary of about 1,900 terms of military interest, from English into Malay	127—200
“ 8. Sentences English and Malay side by side, mostly Maritime	201—213
“ 9. Vocabulary , 4,500 terms from Malay into English	214—325
“ 10. Map of Luzon , shoreline—map of the Philippine Islands, with about 1,300 notes on localities (which is in this present publication about 50 pages.)	

Extra addition: Seafaring Terms from Malay into English extracted from part 9, about 30 condensed pages.

(Copyrighted.)



In the map which appears upon the opposite page and which was copyrighted in 1900 by W. C. and F. P. Chnrch, the telegraph lines on Luzon, so as they were in the spring of 1900, are marked.

1551 miles long, 160 stations, 8 ends of lines entering Manila, while 4 more ends to enter Manila were contemplated.

They were erected by the U. S. Signal Corps, Col. Allan, 21 officers, 331 men, and were laid three times; at first, while following troops to keep up connection with Headquarters, by light copper wire, which later was replaced by durable iron wire, and finally were laid in regular order upon high poles. Since then the same Corps has connected all principal islands by submarine cables, also the island Jolo in the far Southwest of the Philippines.

MAP NOTES.

SECOND SERIES.

ABBREVIATIONS.

Most of the abbreviations are explained in the first series upon the margin of the map. Here are a few more:

Whenever the name of a Capital city is **not** mentioned, it bears the same name as the province or district itself.

Under the name of each province or district will be found a list (if any) of cities of 10,000 inhabitants and over, arranged in the order of population.

Figures after a degree mark ($^{\circ}$) stand for arc-minutes. **All degree figures** above 100 are for Longitude East of Greenwich, those below 100 are for Latitude North. No other longitude or latitude occurs here.

(01-3-23) (year-month-day) (1901-March-23rd.)

DISTANCES, if not otherwise specified, are calculated from the Capital of the Province or District, and are not figured by the roads, but as the bird flies from point to point.

(1. S) refers to "first Series" of map-notes.

● before a name indicates that the locality is marked on the map either by its full name, by its initial or by merely a spot ●.

To make a larger diversity of marks would have been liable to produce confusion; and would therefore rather lessen than increase the practical value of the work.

The letters by which certain mountains in the map of Luzon have been marked, begin, like the numbers, from the north; but to facilitate eventual reference the following list is furnished:

"A" near 122° , $18^{\circ}20$;

"G" $14^{\circ}10$, $121^{\circ}5$;

"B" 18° —;

"H" $14^{\circ}5$, $121^{\circ}30$;

"C" $17^{\circ}5$;

"N" $14^{\circ}5$, $122^{\circ}45$.

"D" 16° —, 121° —;

"O" $123^{\circ}5$;

"E" from 17 SSW;

"P" $123^{\circ}30$;

"F" near number 26;

"R" 124° —.

The Author.

Abucay o 7,200, 25 SE 3 mi (00-5-24, 32 vol) (00-11-16, 32 vol)

Acan Valley, i Cebu (99-7-24, 23 I.)

Abulusan ri, fr mt Moses, 1 S, 17°25' W to ri Catalangan.

● Abujog o 9,100, i Leyte, S 35 mi.

Ackle ?, Aclan ri, pr Ilo-Ilo. mouth near Calibo (00-9-15, 35. vol.)

● Agno ri (1, S) (99-11-15, 18, 4, C, 34. I) (99-12-26, 12 I.)

Agsarah ? (? Sara, pr Ilo-Ilo (00-4-17, 26 vol.)

Aguilar o 4,400, see Salassa.

● Agusan (Agasan) o 900, d Misamis, E 15 mi, 8°32, ri see Butuan (00-5-14, 40 -vol.) fr A. N on b : Taguluan, Hasa'an, (Pt. Gorda), Balingsac, Bagakai (35 mi) fr A. WNW on b : Gus-san, (cptl Cagayan near mouth of ri W), Kamarines, Opot, Malugan, Salomaog (18 mi.)

Agutag ? com, i Panay (00-8-24, 6 I.)

Alaminos o 8,000, 21 (82 ? mi.)

Alaminos o 4,600, "G" N 2 mi.

Alanbasi ? com, i Leyte (00-9-22, 43 vol.)

Alang-Alang o 8,600 (18 mi) i Leyte (00-8 23, 43 vol.)

● Alava o 6,100, 16 NE by E 20 mi (00-5-6.)

● Albay (1, S. 37) (00-2-1. 6, 8. 12. 14, 40., 47. I.)

Albuera o 4,600 (18 mi) i Leyte.

Albuquerque o 6,600, pr Bohol.

Alcala (Santa Cruz) o 5,200, 22 (27 ? mi) (00-6-12, G. Cavesrany cpt'd.)

● Alcala o 5,500, 7 N by W 22 mi, Aparri S 22 mi.

Alcoy o 5,000 (44 ? mi) i Cebu.

Alegria o 11,500 (90 ? mi) i Cebu.

● Alfonso o 7,700, 29 SSW 21 mi (99-12-4, 3 I. 3. A.)

● Aliaga (1. s) (99-10-27, 31, G. Young) (99-11-12) (00-5-17, 47 vol) (00-6-24, 28, 30, Lt Draper 22, I.)

Alilem cptl 8,000, d Amburayan, 9 S ? (00-2-22, 3 C, 29. I.)

Alimodian o 11,800 (12 mi) pr Ilo-Ilo (99-11-20, 19., 26, I.)

Blank pages for insertions such as Troops, Battles, Dates, etc.,
and also observations, discoveries, etc.

Alorang o 2,700 (4 mi) d Misamis.

● Alubijit o 6,700, d Misamis, b Makajalar, W. entrance.

Amaroa ?, i Luzon (10-2-11, 33 vol.)

Amblan o 5,500 (13 mi) pr E—Negros.

● Amulong com, 7 N 15 mi (00.11-14.)

Anabo ? (?Anao) i Luzon (99-11-13, 4. I, 11. C.)

Anao o 7,000, 19 (17 ? mi.)

Anao-Aon o 600 (10 mi) d Surigao.

● Anda o 3,800, 18 N 62 mi, i Cabaroyan.

Anda o 4,000 (56 ? mi) pr Bohol.

Angadanan o 2,700, 8 S 23 mi (00-11-8, 16. I.)

● Angat o 8,000, Manila, N by E 23 mi (99-4-25.)

● Augeles o 3,000, 22 N 10 mi (99-8-12, 18) (99-9-2.22, 37 I, Hos, 1. A.)
(99-10-12) (99-11-6, 17. I, 4. C, Scouts.)

● Angusán ri, fr N of b Davao to b Butuan.

Anilao o 2,700, pr Ilo-Ilo, NE 14 mi.

● Anini o 4,800, pr Antique, SW—Extreme, S 22 mi.

Anislac ?, pr Albay (01-1-1, 47 vol.)

Antequera o 5,800 (10 mi) pr i Bohol.

Antipolo o 3,500. 30 NW 8 mi (99-6-3.)

● Antique (Antiki) o 1,200, S of cpl 4 mi, pr Antique, a 839, i
Panay SW, 145 com, cpl San Jose de Buenavista 5,600,
10°43, 20 more o, 4 over 10,000, Bugason, Pandan, Sibalom,
Culasi, rl (00-1-17, 18, 19. I.) (00-2-4, 6. I.) (00-3-9, 19., 44. I.)
(00-12-8, 38 vol.)

● Apalit o 11,800, 22 E 11 mi (fr Manila casco, 00-4-3.)

● Aparri (1. S) (99-5-16, g. b. Concord) (99-12-11, surr. to Newark)
(00-1-17, 16 I) (00,3-9, 10, 48 I.)

Apáynos d, 4 E, "B" N.

● Apo vo 8800 (10321, 10825) d Davao, 6°56, 125°—.

THE
JOURNAL
OF
THE
SOCIETY
OF
THE
FRIENDS
OF
THE
AFRICAN
INDIAN
1840
TO
1841
PUBLISHED
BY
THE
SOCIETY
OF
THE
FRIENDS
OF
THE
AFRICAN
INDIAN
1841

- Arayat (1. S) (99-5-21, g. b.s. join G. Lawton) (99-10-5, 11, 12, 13, 22, 22. I, 4. C, launch upon ri) (Mt. Arayat, 00-1-7, 25. I.)
- Arevalo o 3,600 (4 mi) pr Ilo-Ilo.
- Argao o 34,000, i Cebu SSW 33 mi, 9°54.
- Argo Gula ? ("Argo-Sugar") (99-8-31, It Col Byrne 6. I.)
- Aringay ri, 14 WSW, o 3,000, 13 S 14 mi (Boang, 99-11-2, 21, G. Young, C, Macabeles.)
- Aripa com, 7 NW by N 10 mi.
- Aritao o 700, 15 SSW 15 mi (99-12-23, 34. I.)
- Asingan o 3,500 (36 ? mi) 16 (99-11-15, G. Young.)
- Asturlas o 6,000 (109 ? mi) i Cebu.
- Atbalongan See Catbalongan.
- Atimonan o 10,000, 35 E 15 mi (00-3-28, 30 vol.)
- Ayala o 17,900, d Zamboanga, W by N 9 mi.
- Ayungon o 1,100, pr E-Negros (NE ?)
- Ayuquitán o 3,200 (9 mi) pr E.Negros.
- Azagra o 4,000 (19 ? mi) pr Romblon.
- Ba'ao o 6,800, "O" S 11 mi.
- Bacabulos ? ? (99-5-6, 3 I.)
- Bacay (Bucay) o 2,500, 6 ESE 7 mi, on ri Abra.
- Bacoc (Bokoc) com, 5 ENE 27 mi, "B" SW by S 24 mi.
- Bacolod cpl 6,300, pr W—Negros, northerly W, 10° 42.
- Bacolor (1. S, 22) (99-8-9) (01-2-13, Gov. installed.)
- Bacon o 8,400, pr E—Negros SE, vo 6244, See Negros.
- Bacon o 13,000, 37 ESE 22 mi.
- Bacoor (Bacora) o 13,000, 29 E 4 mi (99-10-3, 23, "Baltimore") (99-11-19) (00-1-2, 7) (00-9-24 26.)
- Bacoor b, betw Old and New Cavite (99-7-1, election) (99-10-2, Baltimore, 4. I, 5 A, Sig, Mar, Sailors) (99-11-19, 14, I) (00-1-17, 4., 28, I.)
- Badayon o 8,000, pr Bohol.



Badajoz o 3,200 (9 mi) i Romblon.

● Badian o 9,400, i Cebu, SW 51 mi

● Badoc o 10,900, 4 S by W 21 mi (00-3-9) (00-7-21) (00-9-22, 12 I.)

● Bagabac o 1,900, 15 NE 14 mi.

● Bagac o 1,700, 25 SW 10 mi.

● Baganga o 1,100, d Matl, NNE 55 mi, 7°41.

Bagbag com, 34 ? (00-2-3) (bridge near Calumpit junction, passed 99-4-24, Iowa, Neb, N. Dak.)

Bagbag ? com, i Leyte (00-9-12, 43. vol.)

Bago o 7,000 (15 mi) d Davao.

Bago o 7,100, pr W—Negros, CSW 18 mi.

● Bayombon com, 32 WNW on opp bank.

Baguio o 661 (16 ? mi) 14.

● Bagumbayan com, fr Mariquina N 3 mi.

● Bailen o 4,200, 29 SSW 20 mi.

● Bais o 9,300, pr E—Negros NNW 15 mi.

Balabac i, Straits, o 200, N of Borneo.

Balabac o 700, d Benguet (99-8-11, 13.)

● Balamban o 9,300 (43 ? mi) i Cebu W-coast.

● Balanga cptl (1. S. 25) (00-6-2, 12. I.)

Balangiga o 5,600, i Samar.

Balasan ?, i Panay (00-10.11, 26 I.)

Balasig mt, 7 SSW 28 mi, 8 NNW 15 mi.

Balate o 5,100, d Capiz, ENE 40 mi.

● Balau'ang o 12,200, 13 NNE 15 mi.

● Balayang ri, h 25,000, mt, 33 WSW 17 mi (00-1-18, 46. I, g. b. Marietta.)

Baleno (Balenao) o 921 (10 mi) i Masbate (99-9-14.)

Baler b, 17 NE, mt (? Sabani) (1. S. "E") 3280 (99-4-12, Yorktown) (00-3-1, G, Funston, Col. Kenner.)



Balicuatro i's, Point, i Samar NW.

Balincaging o 2,400 (52 ? mi) 18 (00-1-22, 36. I.)

● Balingasac o 4,000, d Misamis, on b, 8°45, fr Agusan N 18 mi.

Baliran i, o 6,20), i Leyte N.

Baliuag (Balivag) o 14,000, 27 N 10 mi (99-5-1, 23, 27. vol, Macabebes) (99-8-14, 3. I) (99-12-4, 3 I.)

Baluarte com, 20 S 10 mi (99-5-15, G. Lawton) (00-11-1, 4 C.)

Baluga com, See Salassa.

Balulut ? fr Angeles E to Magelang, 22 NE (99-11-11. 13.)

Balut i, i Mindanao S—Extreme, mt 2350.

Baluyo com, i Samar W, SE 6 mi, 11°43.

● Bambang o 3,400, 15 S 7 mi (99-11-11, 13, 36. vol, C.)

● Banalakan (San Andres) h, i Marinduk NW.

Banate o 6,800, pr Ilo-Ilo ENE 27 mi, 11°—.

Banaue o 600, (27 ? mi) 10.

● Banban o 3,200, 19 S 16 mi.

● Banga o 9,100, pr Capiz W 23 mi.

● Banga Port in b Sibugei, 7°31, 123°24.

● Bangar o 9,000, 13 N by E 22 mi (00-1-12.)

Bangaya, See Makaturin.

● Bangued (1. S. 6) (99-12-5, 23. I) (00-3-7, 33. I) (00-6-25) (00-7-21)
(00-10-6, 26, 33. vol) (00-11-22, 33. vol) (01-2-8, 5. I.)

Bangui o 5,600, 4 NNE 27 mi (99-12-15.)

Banguirupan, pr Albay, 37 (00-12-8) (01-1-1, 47, vol.)

● Bani o 4,300, 16 W 30 mi.

● Banna o 2,600, "B" WNW 18 mi (99-12-11, 3. C.)

Bano Point (Banod Point) i Marinduk SW—coast, near o Gazan
(00-11-2, 28. vol.)

● Banos (Los) ("The Baths") o 2,800, "G" NE hot springs (99-7-31,
21. I, 1. A) (00-1-8, 37. I) (90-9-13)



Banta ?, near Caloocan (99-3-27.)

Bantayan o 10,000, i Cebu, i, W fr N—Extreme of i Cebu, N 62 mi.

Banton i, o 3,400, pr Romblon, NW 25mi.

Baombong mt ?, i Panay (00-12-13, 18 I.)

Baragondon ? ? (01——, 46. vol.)

● Baras o 1,200, 30 SE 2 mi.

● Baras o, b, ri, i Catanduanes SE.

Barbasa o 3,200, pr Antique.

Barili o 21,000, i Cebu NNW 23 mi.

Barotac Nuevo o 11,800, pr Ilo-Ilo NE 15 mi.

Barotac Viejo o 5,600, pr Ilo-Ilo NE 36 mi (00-6-3, 26 I.)

Baru ("new") o 12,300, i Leyte WNW 20 mi.

Barugo ?, i Leyte (00-11-5, 43 vol.)

● Basey (Vasey) o 13,800, i Samar W, 11°27.

● Basilan i, Straits, d 12,000, pr Mindanao SW—Extreme, (3 mts each 10,000 ?) cptl Isabela de Basilan 1,300, N.

Bata'an pr (1. S. 25) (in S—mts, 99-12-24) (00-10-18. 18. I.)

● Batac o 17,600, 4 S 10 mi (00-4-15, 16, 30, 34, vol, 3. C.)

● Batan h 13,000, pr Capiz W 14 mi.

Batan (Batana, Batanes) i's, 1 NNW, 20°15, pr 9,500, a 125, cptl San Domingo 3,000, 5 more 0.

● Batangas (1. S. 34) (in mts, 45. I) (00-3-25, 38 I) (? Manuan, 00-7-21, 23, 24, 38. vol.)

Batau'an b, i Cebu W, 10°52, N 38 mi,

● Bato com, i Catanduanes near S—Extreme.

● Bato ("Stone") o 3,700, i Leyte W, 10°18.

Batoo—Lampan Point ("Batoo—Lamong"="Stone-buoys"), i Mindanao SW, W—Extreme.

● Bau'ang o 7,700, 13 S 5 mi, ri 14 W.

● Bau'ang o 40,000, 34 NW 4 mi.

● Bay o 1,800, 32 SW 9 mi.

Bayabac and Bayabas com's, See Salassa.

● Bayambang (not Bayombong) o 8,500, 16 SE 20 mi (00-10-25, 17 I.)

● Bay-Bay ("Ba'i-Ba'i"—"well-well") o 17,400 (87 ? mi) i Leyte (00-0-12.)

● Bayombong (1. S. 15) (99-11-28, 5. C) (99-12-17.)

Bebon ? (? Bacon), i Negros (99-7-19, 6 I.)

● Benguet (1. S. 14) (00-1-17, 33 I.)

Biac-na-bato com, ? pr Bulacan E (97-12-14, Sp.—Fil. Treaty) (99-12-13, 4, C) (00-6-7, 15) (01-1- .)

● Bicol (Vicol) ri, fr 37 through Lake Bato (1. S.) junction with ri Palantuan 36 NW, to b San Miguel (00-2-21, g. b. Paragua.)

Bigoa (Big'a'a) o 8,000, 27 NE 3 mi (99-3-29, 30.)

● Bikobian h, 8 E by N.

Bilikan, i Leyte fr NW—Extreme NE,

Bimmauya ? (? 18) (00-1-14, 36. I.)

● Binacayan com, 29 E by N 2 mi.

● Binalbangan o 5,100, pr W—Negros S by W 36 mi, 10°12,

● Binalonan o 10,300, 16 E 27 mi.

● Binan(g) o 19,800, 32 W 25 mi, on Laguna (00-1-2, 6, 7, 4., 11. C, 14., 46. I, 30. vol, A) (00-9-4, 14, 28. vol.)

● Binangonan o 7,600, 30 SW 7 mi.

Binkugan com, fr Higo W 2 mi, on b Davao, 125°45.

● Binmaley o 13,800, 16 E 3 mi.

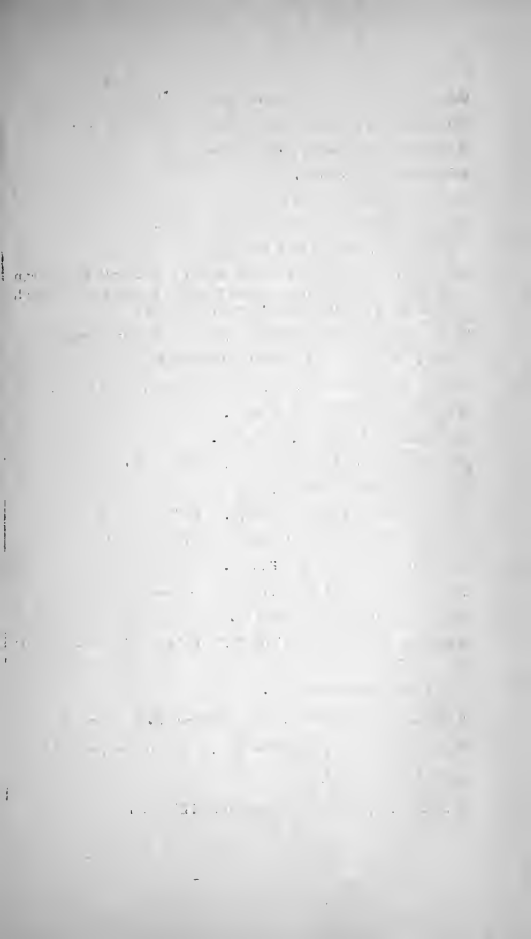
● Bintacan ri, fr Mt Moises, 8 E by N 30 mi, WSW to ri Catalan-gan, to 8 N,

● Bislig o 7,600, b, i Mindanao E, d Surigao, 80°13.

Bittin ?, i Luzon (01-2-9, Hos, 49. vol.)

Blockhouse No. 4, near Pasig (99-3-17, 10. Penn) (99-3-18, 22. I.)

Blockhouse No. 5, near La Loma (99-10-9, 25. I, 4. A.)



- Boac o 14,700, 39 E 46 mi, i Marinduk (00-7-31) (01-1-17, 27, 1. I.)
- Boayagan o, i Mindanao S, at inner angle b Sarangani.
- Boayan o, d Kota-batoo ESE 30 mi.
- Bobon o 4,800, i Samar.
- Bobon ?, i Negros (99-7-19, 6. I.)
- Bocaue (Bocave) o 10,300, 27 E 4 mi (99-3-29.)
- Bogo o 16,300, i Cebu, N by E 55 mi.
- Bohol prs. i's Bohol and Dauis, 248,000, a 1617, cptl Tagbilaran 8,600, 40 more o, 7 over 10,000, Tubigon 15,9000, Loon, Signipl, Siquijor (I), Maribojoc, Loboc, Calape (N.)
- Bolinao, b, o 4,100. 16 NW 36 mi (13 islets) (99-4-30, Dewey.)
- Boljoon o 7,400 (57 ? mi) i Cebu (mts, 00-5-20, 23. I.)
- Bombon (Laguna de Taal) lake, in which i, vo 1,200 Taal, 33.
- Bondoc Point, "N" S by W 60 mi.
- Bongabon o 2,100, 20 NE by N 26 mi.
- Bongabon o 271, i Mindoro S by E 52 mi (00-2-28.)
- Bongao (Bangao), Sooloo i's.
- Boot ? Peninsula, i Luzon (00-12-8, 5. C, 21. I.)
- Borauen o 21,300 (26 ? mi) i Leyte, W of centre, 11°—.
- Borbon o 2,800. i Cebu N by E 51 mi.
- Borongan o 9,400, i Samar, central E—coast.
- Boso-Boso o 900, 30 N by W 8 mi.
- Botolan o 4,600, 18 SE 4 mi (99-10-10) (99-12-9) (00-1-9, 25, 25., 37. I) (00-2-28.)
- Buat i, com, pr Samar S 6 mi.
- Buena Vista o 3,500 (i mi) Ilo-Ilo (99-10-10, 13. I) (01-3-12, 2. I.)
- Bugason o 14,000, pr Antique N 24 mi, 10°3 (00-10-30, 44. vol.)
- Buhí (I. S) (00-6-11.)
- Bukas i's, betw i's Mindanao (N) and Siargao.

- Bulacan (I. S. 27) (00-1-25, 11. C) (01-2-26, pr Gov installed.)
Bulacan Point, i Panay NW—Extreme (00-11-11.)
- Bulak-Bulak com, i, Burias NW, 123°11.
- Bulalakao Point, com 516, i Mindoro near SE—Extreme (70 mi.)
- Bulaluan Point, W—Extreme of b Sarangani.
- Bulan ("Moon") o 11,000, "R" SW 30 mi (00-1- , 43., 47, I, Randolph L. B.)
- Buluan Lake, Kotabatao SE by E 60 mi.
Bulungan com, pr Antique NNW 57 mi.
Bulukan ? com, i Panay ? (00-11-11, 47. vol.)
- Bulusan o 5,200, 37 ESE 6 mi, "R" SE 5 mi.
Bungam i, Tawi-Tawi group (99-9- , garrisoned.)
- Burgos com, Manila NE 16 mi.
- Burias i, d 1,600, cpl San Pascual N, 13°2.
- Buruanga o 4,000, pr Capiz W 66 mi.
- Busainga o, i Burias NE near NW—Extreme, 123°—.
Bustos o 7,000 (2 mi) 27 (99-8-10, 13, 14, 3. I, Eng.)
- Busuanga i See Calamianes, South Side harbor 12°2, 120°13.
- Butol (Vutol, Putol, Botol) com, 29 W 1 mi (00-1-7, 28. I.)
- Butuan b, ri, o 10,500 (55 ? mi) d Sarigao, 125°30 (year 1521 first landing of Magellan (00-5-14), ri Agusan (Butuan.)
Butuan Lake fr o Butuan N by E 40 mi.
- Cacagan Nuevo o 6,200, and Cabagan Viejo o 3,600, 8 N 20 mi.
- Cabalian o 4,800, i Leyte SSE 72 mi.
- Cabanagan ? (? Cabangan) i Luzon (00-11-28, 16. I.)
- Cabanatuan (I. S) 99-6-10) (99-10-27, G. Young) (99-11-1, 5, 7, 22 I) (00-7-8, 22, 34. vol) (00-9-1, 23, 34. vol.)
- Cabangan o 3,000, 18 S by E 15 mi (00-6-15, 25. I.) (00-7-14, 15, 19., 25. I) See also Cabanagan.
- Cabangcalan o 7,600 (54 ? mi) pr W—Negros.



Cabaron ? (99 12-17, 17. I.)

Cabatuan ("grottos") d Surigao SE 24 mi.

Cabatuan o 18,200, pr Ilo-Ilo NNW 13 mi (99-11-23) (00-7-19, native pol) (00-11-12, 26. vol.)

● Cabayan o 844, 14 NE 12 mi (00-5-30, Gov. Corino cptd.)

Cabayugan com, See Salassa (99-10-18, 3., 4. C.)

● Cabiao o 8,000, 20 SW 7 mi (00-3-17, 22. I) (00-5-30))00-12-15. 23. I.)

● Cabcungan ri. 2 E 14 mi.

Cable ?. (not far fr Manila) (99-2-11, 1. Mont)

● Cabugao o 8,300, 5 N by E 18 mi (00-3-5, 33. I) (00-9-9, 3. C.)

Cabugaoan d, cptl, betw 7, 6, 4 and Aparri, "B" W.

Cabug-Cabug ? (? Kabo-Kabo) (00-3-22, 18. I.)

Cabuntog o 4,200 (78 ? mi) d Surigao.

● Cabusao com, ri Bicol, b San Miguel, 36 NW.

● Cabuyao o 9,000, 29 SE 19 mi, 32 W 20 mi (00-1-1, 39. I) (00-9-14.)

● Cacayan ri, fr 10 N 15 mi to Chico Cagayan.

Cadiz Nuevo o 7,000 (34 ? mi) pr W—Negros.

● Cagayan ri, fr "E" N to 8 and to Aparri.

● Cagayan Lake, 1 SSW 35 mi, "A" SW.

● Cagayan ri, i Mindanao central, fr vo Makaturing NE to b Makajalar, 124°45, See Cagayan cptl

● Cagayan cptl 9,000, d Misamis, W of angle of b Makayalar, on ri C, some mi inland (00-4-7, 26, 40. vol) (00-6,14, 40. vol.) (01-3- , Surr to 28. vol.)

Cagayan islet, Sooloo Archipel.

Cagayancillo o 3,000 (95 ? mi) pr Antique.

Cagays ? ?, i Mindanao (00-4-7, 40. vol.)

Cagidiocan o 3,600, pr Romblon.

Cagsua o 20,400, 37 (2 mi.)

Caibiran o 4,200 (260 ? mi) i Leyte.

Caigan ? (00-1-13, 22. I) (?Caiman Point, Luzon W—coast) (Caiman "Crocodile.")

● Cainta o 2,300, pr Morong, fr 0 Pasig NE 2 mi (99-3-16.)

● Calabanga o 5,700, 36 N by E 7 mi (00-2-20, 45. vol.)

● Calaca o 8,300, 34 NW 21 mi (00-1-18, 20, 46. I.)

Calaclan Point, b Sabig, inner centre (99-9-23, Charleston Monterey, Concord, Zafiro, Baltimore.)

Calamaniuga(n) (1. S. Aparri) 00-2-28, 16. I) (00-3-1, 16. I.)

● Calamba (? Calambang(a)) o 11,500, pr Laguna, fr Manila SE by E 32 mi, (99-7-26, 27, 28, 30, 21. I) (99-10-3, 23) (99-12-24, 21. I) (00-1-1, 9, 37., 39. I) (00-3-24, 39. I) (arms.) (00-7-19, 26, 27, Sig. 4. C, 1., 21 I, Wash, cascos, g. b.) (00-9-3, 39. I) (00-10-3, 19, 25, 21. I, 39. vol.)

● Calamianes i's, pr 16 500, a 340, 12°—, 120°—, cptl Cuyo 8,300, 3 more 0, largest i Busuanga, N.

● Calape o 10,000, pr, i Bohol N by E 20 mi, 9°52, 123°52.

● Calisao o 13,800, 16 E by S 9 mi (00-6-14, 4. C, 34. I.)

● Calatagan o 1,000, 34 W by N 27 mi.

Calauag o 2,800 (57 ? mi) 35.

● Calauang o 3,100, 32 SW 15 mi.

● Calbayoc o 30,300. i Samar W, NW 27 mi (00-2-3) (00-3-26, 43. vol.)

Calbayon-Mataginao ?, i Samar (00-11-24, 29. vol))00-12-7, 29. vol.)

Calbiga, See Calviga.

● Calibijan ri (border pr's) "N" W 27 mi to Ragay.

● Calibo (Calivo) o 10,800, pr Capiz W by N 25 mi (00-6-19, 6. I) (01-1-27, 6. I.)

Calinog o 8,900, pr Ilo-Ilo N by W 28 mi (00-12-14, 38. vol.

● Calisay com, "N" NE 7 mi.

Callagan, See Salassa.

● Calolbon o 4,400, i Catanduanes, 13°35 on b SW.



- Caloocan o 10,000, Manila N 4 mi (99-2-10, 11, 12, 13, 16, 17, 22, 23, 26, 27, 28, 1. Wash, Neb, 1. S. Dak, 20. Kans, 1. Mont. 13. Minn. 2. Oreg, Sig, A, "Monadnock) (99-3-11, 15, 25, 3., 22. I, 2. Oreg, 1. Mont, 20. Kans) (00-9- .)

Caloompan ri, fr Lipa N, passing Rosario and Iba'an to 34.

Calulet com, 13 E 6 mi, See San Fernando (1. S. 13.)

- Calumpit o 14,900, 27 NW 12 mi (99-3-27. 20 Kans, 10. Penn) (99-4-4, 25, 27. Mont, A, C) (99-5-14, near C., N 3 mi, Utah A.)

Calviga o 4,300, 1 Samar SE 10 mi (00-5-22.)

Camalaniuga, See Calaminuga.

- Camalig o 15,000, 37 W 7 mi (00-2-22, 40. vol.)

Camalig com, Manila N, Marllao N 1 mi, ri Atagtog to ri Marllao NNE, (99-3-27.)

Caman com, See Salassa.

- Camiguin i (namesake of i N of Luzon) near NW—coast i Mindanao, d Misamis, o Catarman (Catasman) 4,900, NW—coast near Two-Peaks mt 4797, in year 1871 a new vo NNW, 0 Mambajao N, o Maginoc SE, 0 Sagay S.

Camilig o 23,400, See San Miguel de Camiling, (00-3-20, 37., 45., 47. I) (00-10-26, 9. C) (00-11-24, 9. C.)

Camiling ri, to ri Agno, fr mt "D" (99-12-27, 29) (00-10-30, 17. I) (00-11-1.)

Canagan com, 6 NE 9 mi.

Canaren, See Kraan.

Cancan ("stride") o 9,400 (31 ? mi) pr Bohol.

Candaba o 14,600, 27 N by W 16 mi (00-5-26, 22. I.)

Candava (Candaba) lake, a morass 20, 27 (99-5-20, g. b. passes upward.)

- Candelaria o 2,900, 18 N 20 mi (00-8-4, 30. I.)

Candijay o 7,900 (54 ? mi) pr Bohol.

- Candon Point, fr o Candon NW 5 mi (1. S.)

- Candon com, 1 Catanduanes W, 13°40.

Cangbiling ? com, near islet Limay, fr Orion S 5 mi (00-11-1, 4. C.)

Cantilan o 10,000 (27 ? mi) d Surigao.

● Caoayan o 6,000, 5 S 3 mi.

● Capalonga o 17,000, "N" WNW 30 mi.

Capangan o 583, 14 NW 7 mi.

● Capas o 2,900, 19 S 11 mi (99-11-12, 13, 25, 9. I, 36, vol, C.)

● Capiz (Kapis) pr 189,000, a 4543, 323 com, 1 Panay N and NW, cptl 13,700 (99-12-10, 18., 19., 26. I, 6 A, scouts, from Ilo-Ilo overland, (00-3-10. Surr), 32 more o, 7 over 10,000, Panay 15,500, h Batan, Ibajay, Mambusao, Calibo, Macato, Panitan.

Capul o 2,300, i Samar, See Kapal.

Caraga o 4,000, d Davao.

● Caraga o 8,700, d Mati NNE 35 mi, on Pacific.

● Caramon com, 1 Catanduanes W. 13°53.

● Car-Car o 30,300 (23 ? mi) 1 Cebu, central.

● Cardona o 2,600, 30 SSW 3 mi.

Carig o 2,400, 8 S by W 39 mi (00-9-14, 16. I.)

Carigara o 13,700, i Leyte W by N 20 mi.

Carles o 10,300, d Concepcion, i Panay NE.

Carlota (La) o 13,400 (29 ? mi) pr W—Negros (99-6-15, 1. Calif.)

● Carmen (Carmon) o 3,300, 35 ? mi) 1 Bohol (10-10-3, 44. vol.)

Carmen ? i Luzon (? pr Cavite) (00-8-31, 44. vol.)

Carmona o 4,000, 29 SE 23 mi (00-1-4, 39. I) (00-9-2, Sig.)

Carranglan o 937, 20 N by E 45 mi (99-11-10, 28, Surr to 4. C) (00-1-14, 41. I.)

Cariguran b, 17 NE 26 mi, deep, 17 mi long, 2 mi wide, o 1,500, inland fr inner angle of b (?) (maps lately found incorrect.)

● Casiguran o 8,700, 37 SE 24 mi, "R" NW 7 mi, close to it W is o Juban 6,000 (See also Banquilruhan.)

Castellano com, 20 NE 1 mi.

APPENDIX

CONTENTS

Page

1. Introduction 1

2. General Principles 2

3. Theoretical Foundations 3

4. Experimental Methods 4

5. Results and Discussion 5

6. Conclusions 6

7. References 7

8. Appendix 8

9. Index 9

10. Bibliography 10

11. Glossary 11

12. List of Figures 12

13. List of Tables 13

14. List of Equations 14

15. List of Symbols 15

16. List of Abbreviations 16

17. List of Acronyms 17

18. List of Units 18

19. List of Constants 19

20. List of Definitions 20

Castellanos ?, i Negros (99-9-23, surr to 6. I) (99-10-2, election.)

Castelliana (La) ? i Negros (99-8-5, 6. I.)

● Castillejos o 3,400, 21 N by W 7 mi (00-9-25, 25. I.)

Catabangas ? (? Catalongan) (00-5-10, 45. I.)

Catadman (Catarman) o 10,500, i Samar NNW 52 mi (00-4-30, 43. vol.)

Catalongan ri, ft mts 8 SE to 8 N.

● Catanduanes i, 38 N, 14°— (00-1-17, 43., 47. I.)

● Catarman (Catasman) o 4,900, i Camiguin, d Misamis N by W 50 mi, See Two-Peaks (00-5-1, 10.)

● Catbalogan cptl 6,500, i Samar W, 12°— (00-1-27, 43. I) (00-8-12, 13, 29. vol) (00-10-27, 29. vol) (01-2-22.)

● Cateel (Katel) o 3,500, p Mati, NNE 115 mi, 7°47.

● Catman, 6,100, i Cebu E, 10°45.

● Catubig o 9,600, i Samar NNE 42 mi (00-4-15, 16, 17) (00-4-5, 8, 43, I) (00-9-15, 29. vol.)

Cauayan o 4,600, pr W—Negros, W—coast, SSW 55 mi.

Canayan o 2,100, 8 S by E 15 mi.

Caut (Kaut) b, Point, i Mindanao, 7°32, 122°5 (another Point Caut marked in same map NE—Extreme, 9°20.)

● Cavinti o 5,500, 32 E by S 9 mi (00-2-28) (00-3-2, 37. I) (00-8-4.)

Cavitan o 1,200, pr Antique (30 ? mi) (00-1-28, 19. I.)

● Cavite h (1. S) (98-5-1, Olympia, Baltimore, Raleigh, Petrel, Concord, Boston, McCulloch.)

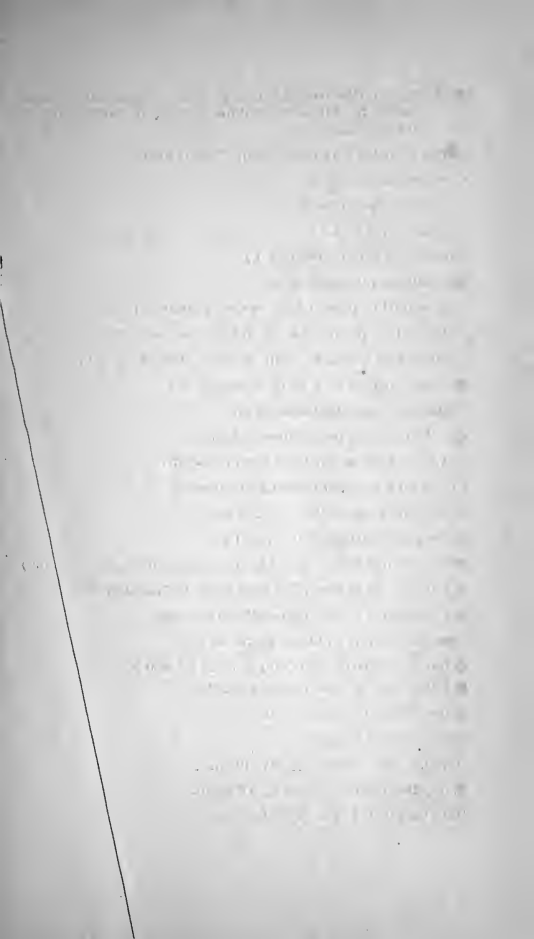
● Cavite Vlejo (1. S. 29) (99-10-8, 13., 14. I, 4., 5. C) (01-1-3, 4, 4. I, mar, navy.)

● Cayan o 650, 11 NE 4 mi.

Cebang ?, i Leyte (00-3-29, 43. vol.)



- Cebu i, 1 pr and 1 d, 504,000 (? 700,000), a 2,400 (? 2,092), cptl 35,200, E, central (99-2-22, surr) (99-8-25, 23. I) (99-9-18, 22, 23, 6., 33. I) (99-11-26, 36. vol) (00-1-8, 19. I) (00-9-2) (00-11-3, 6. A) 53
- more o, 22 more over 10,000, Argao 34,000, Car-Car, h Sibonga, Dalaguete, Carili, Talisay, San Nicolas, Bogo, Mandanae, Danao, Dumanjug, Malabuyoc, San Fernando, Gintulan, Opon, Alegria, Naga, Toledo, Tubuan, El Pardo, Sambosan, Bantayan.)
- Chico Cagayan ri, largest tributary fr W to ri Cagayan, 10 NNE.
- Chico Pampanga ri, fr Lake Canasen, is the main stream fr W to form "Rio Grande de la Pampanga" at Arayat with ri Gapan fr N (tug "Oceania," 99-10-22, 23.)
- Claveria o 4,600, 2 E 15 mi, near mouth of and E of ri Cabicungan.
- Cobo ? (? Kabo-Kabo) (00-11-24, 47. vol.)
- Colangan (1. S) (Calangan) mt.
- Colasi b, com, "N" ESE 22 mi (00-3-31, 19. I.)
- Colo ? ? (99-7-29, 23. I.)
- Coloranto b, "H" S by W 25 mi.
- Comanzi ? ? (00-1-5, 25. I.)
- Compostela o 4,400, i Cebu.
- Concepcion d, I Panay NE 19,300, a 683, (administr. pr Cebu.) cptl 5,700, fr cptl Ilo-Ilo 104 mi, 3 more o, 1 over 10,000, Carles 10,300, (01-3- , surr to 26. I.)
- Concepcion o 13,500, 19 S by E 12 mi (99-11-10, 17. I.)
- Consolacion o 4,600, (7 mi) i Cebu (00-2-5, 19. I.)
- Corcuera o 2,000 (4 mi) pr Romblon.
- Cordoba o 5,000. i Cebu.
- Corella o 4,200, pr Bohol.
- Corona mt ?, i Luzon (00-7-22, 34: vol.)
- Coronado Point, i Mindanao NW, fr Gorda Head W 5 mi.



- Corregidor (Mariveles) i (1. S) pr 569, a 16, cptl San Jose, 514, channel N width 2 mi, channel S 7 mi, to Cavite (28) 24 mi (20 naut. mi.)

Cortes en Bohol o 6,000, pr Bohol, NNE (?) 40 mi.

Cosucos ? See Cucucos.

Cotabattoo, See under K.

Cresta mt, 1 S 8 mi, 17°21.

Cristina ?, i Panay (00-8-9, 19. I.)

- Cuadrado mt, 18 SE 33 mi.

Cuartero (Guartero) o 5,200, pr Capiz (00-10-29, 18. I.)

Cubagoan d, cptl, betw 4, 6, 7 and Apayos, near "B."

Cucucos ? (? Cnblao, 20 (3 mi) (99-10-18) (00-10-25, 33. vol.)

- Cuenca o 6,700. 34 N by W 12 mi (00-3-15.)

Cuingayan com, Manila NE 14 mi.

- Culasi o 10,600, pr Antique N 52 mi.

Cuyapo o 9,350, 20 NW by N 36 mi (? 00-5-27.)

Cuyo cptl 8,300, i Paragua, Calamianes i's.

Da'an Bantayan o 8,500 (103 ? mi) i Cebu.

- Daet (1. S) (00-5-29) (00-6-3, 45. I.)

- Dagami o 25,000 (20 ? mi) i Leyte, centre, 10°58 (00-3-11, 43 vol.)

- Dagupan ri, 14 S by W (99-11-19, 20, 26, G. Wheaton, 13. I.)

- Dalaguete o 21,300, i Cebu SSW 49 mi, 9°46.

Damageo Bridge ?, i Luzon (00-7-3, 30. I.)

- Danao o 15,500 (4 mi) i Cebu E, 10°33, mt 2500 N 26 mi.

- Dao o 8,000, pr Antique S 25 mi, 10°31.

- Dao o 8,800, pr Capiz S 17 mi.

Dapa o 1,900, d Surigao,

Dap-Dap com, i Samar W, NW 10 mi,

- Dap-Dap o 2,600, i Samar E, NE 35 mi.

Dap-Dap Point, i Cebu E, NNE 12 mi.



Dapitan d, i Mindanao NW on Visaya Sea, 12,600, a 4, cptl 4,000, at inner angle of b, 3 more o, Dipolo 4,600, Haya 1,100, Lubungan 5,200 (Perin ?).

● Dapuan (Dapaun) o 500, d Matl E, 7°35.

Dapuan o 400, d Surigao.

Das Marinas, See Perez das M.

Dasol o 2,400, I8 N 45 mi (00-1-22, 34. I) (00-3-6, 36. vol.)

● Dauin o 8,030, pr E—Negros S 8 mi, 9°9.

Dauis i, o 9,000, pr Bohol, S 1 mi.

Dauit Point, i Mindanao, 8°29, 123°—.

● Davao (Vergara) b, on Pacific, i Mindanao SE, d, cptl 8,000 at head of b, E of vo Apo, 5 more o, Luzon 7,500, Bago 7,000, Caraga 4,000, Baganga 2,700, Quinablagan 500.

Delcamen ? (? Carmen) (99-12-1, 35. I.)

Dewey-Camp near Tambo. suburb N of Paranaque, pr Manjla S 6 mi (99-12-1.)

Dikalungan mt, in ridge parallel to ri Mindanao, fr b Illana SE.

● Dikanilarin b, 17 SSE 10 mi.

Dilasac b, 15 SE.

Dilao o 4,600 (3 mi) Manila.

● Dilulap ri, fr NE—mts of Luzon and S of ri Catalangan.

Dimalansan b, b, 8 E by N.

● Dimiao o 8,000 (22 ? mi) pr Bohol SE.

Dinagalan b, 17 S by N, "E" SE.

● Dinagat l, o 5'300, d Surigao NNE 14 mi.

Dinalupijan com 738, 25 N by W 14 mi (bridge to Llana Hermosa 00-1-3, 32. I) (00-2-2, 6.)

Dingle o 11,000, pr Ilo-Ilo, N by E 19 mi (00-9-14, 18. I) (00-12-17, 38. vol.)

● Dingras o 12,600, 4 ESE 8 mi (99-12-10, 34. I) (01-2-15, 34. C ?).

Dipolo o 4,600, d Dapitan, SW 9 mi.

Published by the Royal Anthropological Institute, 21, BEDFORD SQUARE, LONDON, W.C.1.

Subscription price, 10s. 6d. per annum in advance. Single copies, 2s. 6d. per copy. The price of the volume containing the Proceedings of the Institute, 10s. 6d. per annum in advance. Single copies, 2s. 6d. per copy.

Orders for subscriptions and single copies should be sent to the Royal Anthropological Institute, 21, Bedford Square, London, W.C.1.

Advertisements should be sent to the Royal Anthropological Institute, 21, Bedford Square, London, W.C.1.

Printed by the Royal Anthropological Institute, 21, Bedford Square, London, W.C.1.

Published by the Royal Anthropological Institute, 21, Bedford Square, London, W.C.1.

Subscription price, 10s. 6d. per annum in advance. Single copies, 2s. 6d. per copy.

Orders for subscriptions and single copies should be sent to the Royal Anthropological Institute, 21, Bedford Square, London, W.C.1.

Advertisements should be sent to the Royal Anthropological Institute, 21, Bedford Square, London, W.C.1.

Printed by the Royal Anthropological Institute, 21, Bedford Square, London, W.C.1.

Published by the Royal Anthropological Institute, 21, Bedford Square, London, W.C.1.

Subscription price, 10s. 6d. per annum in advance. Single copies, 2s. 6d. per copy.

Orders for subscriptions and single copies should be sent to the Royal Anthropological Institute, 21, Bedford Square, London, W.C.1.

Advertisements should be sent to the Royal Anthropological Institute, 21, Bedford Square, London, W.C.1.

Disubungan b, 7 E by S, 8 E by N.

● Dolores o 3,000, 6 ENE 8 mi (99-8-12, occupied.)

Doniglay ? ?, i Luzon (00-1-24, 33. I.)

● Donsol o 5,500, 37 SW 19 mi (00-1- , Kobbe) (00-2-21, 47. vol) (00-12-7.)

Duenas o 7,100 (28 ? mi) pr Ilo-Ilo.

Duero o 7,100 (42 ? mi) pr Bohol (00-12-15, 16., Sig.)

● Dulag (Dulug) o 10,100, i Leyte E, S 20 mi, 10°57.

● Dumaguete cptl 13,600, pr E—Negros SE near S—Extreme of i Cebu (01-1-27, 6. I.)

● Dumalag o 8,000, pr Capiz S by W 35 mi.

Dumali Point. i Mindoro E—Extreme, 39 SE.

● Dumangas o 14,100, pr Ilo-Ilo NE 12 mi, 10°51, (00-6-4, 7, 14. 18. 27, 18. I, 26. vol) (00-8-28, 26. vol) (00-9-1.)

Dunalufihan ? mt (00-6- .)

Dumanyug o 13,200, i Cebu W—coast, SW 35 mi.

● Dumarao o 5,100, pr Capiz S by E 10 mi.

Eastern-Negros pr 94,809, cptl Dumaguete SE (E—Extreme of Southern Negros) 9°17, 17 more o, 1 over 10,000, Tanjay (19 ? mi) near vo Bacon.

● Echague o 5,700, 8 S by E 25 mi, on W-bank ri Cagayan (00-6-9, 18. I.)

Egana o 2,000 (13 ? mi) pr Antique (00-1-17, G. Hughes.)

El Pardo o 10,600, i Cebu (99-6-26, occupied) (Guadalupe, 99-8-23, 25, 28, 23. I.)

● Engano c, islet at NE—Extreme i Luzon (99-6-21, transp. Centennial.)

● Enrile o 7,000, 7 SW 8 mi.

● Ermite o 4,700, Manila near Southern city-gate.

● Escalante o 3,000, W—Negros NE (35 ? mi) (99-5-27, Sig, boat) (in some map it is in E—Negros, N by E 104 mi, 10°50, 123°34.)

Esperanza ? com, i Luzon (01-2-17, 15. I, 7. A.)

1. The first part of the document is a list of names and addresses, including "John Doe, 123 Main St, New York, NY 10001" and "Jane Smith, 456 Elm St, New York, NY 10002".

2. The second part is a list of dates and times, including "January 1, 1990, 10:00 AM" and "January 2, 1990, 11:00 AM".

3. The third part is a list of locations, including "New York, NY" and "Los Angeles, CA".

4. The fourth part is a list of events, including "Meeting with John Doe" and "Meeting with Jane Smith".

5. The fifth part is a list of contacts, including "John Doe" and "Jane Smith".

6. The sixth part is a list of references, including "John Doe" and "Jane Smith".

7. The seventh part is a list of notes, including "Meeting with John Doe" and "Meeting with Jane Smith".

8. The eighth part is a list of signatures, including "John Doe" and "Jane Smith".

9. The ninth part is a list of dates, including "January 1, 1990" and "January 2, 1990".

10. The tenth part is a list of times, including "10:00 AM" and "11:00 AM".

11. The eleventh part is a list of locations, including "New York, NY" and "Los Angeles, CA".

12. The twelfth part is a list of events, including "Meeting with John Doe" and "Meeting with Jane Smith".

13. The thirteenth part is a list of contacts, including "John Doe" and "Jane Smith".

14. The fourteenth part is a list of references, including "John Doe" and "Jane Smith".

15. The fifteenth part is a list of notes, including "Meeting with John Doe" and "Meeting with Jane Smith".

16. The sixteenth part is a list of signatures, including "John Doe" and "Jane Smith".

17. The seventeenth part is a list of dates, including "January 1, 1990" and "January 2, 1990".

18. The eighteenth part is a list of times, including "10:00 AM" and "11:00 AM".

19. The nineteenth part is a list of locations, including "New York, NY" and "Los Angeles, CA".

20. The twentieth part is a list of events, including "Meeting with John Doe" and "Meeting with Jane Smith".

- **Fabonga** o 1,600, d Surigao on lake's SW—Extreme, SSE 25 mi.
Fiesta ?, i Cebu, near San Lucia (01-1-29.)
- Flecha** (Banganian) Point, i Mindanao S, on b Illana W.
- **Florida-Blanca** o 7,700, 22 W 7 mi (99-10-27, 30, 36. vol) (99-11-2)
(00-1-17) (00-6-23, 32. vol.)
- Frorista** ?, i Luzon (00-11-24, 11. C.)
- Fuedos** i, i Cebu S, fr S—Negros E.
- Fuga** i, W of i Camiguin N of Luzon, fr 0 Pamplona N.
- **Gabo Port**, i Dinigat, S—Extreme, $9^{\circ}53. 125^{\circ}43$.
- **Galiano** o 1,300, 14 W by S 8 mi.
- Galisao** (? Calasiao) (00-6-14.)
- **Gamu** o 6,100. 8 SSE 9 mi.
- Gandara** o 15,600 (10 ? mi) i Samar.
- **Gapan** ri, See Pampanga, o 20,000, 20 E 4 mi (00-6-27) (00-9-4, 4. C)
(01-1-12, 18, 22. I, 4. C.)
- Garcia Hernandez**, o 5,000 (34 ? mi) pr Bohol S, $124^{\circ}17$.
- **Gattaran** o 800, 7 N by W 32 mi, Aparri S 23 mi.
- Gazan** o 4,800, i Marinduk SW—coast.
- **Gerona** o 9,300, 19 N 8 mi (99-11-16, G. MacArthur) (00-4-6.)
- Getafe** o 3,400 (65 ? mi) pr Bohol.
- Gigaquit** o 7,100, d Surigao.
- Ginatilan** o 12,100, i Cebu Southern W—Coast.
- Ginigaran** ?, i Samar (99-12-8.)
- **Glan-Masila** ("Great-Glan") (Kanalasan) h, com, ri in b Sarangani S, E of Sumban Point at entrance of b S., i Mindanao S.
- Glandulman**, See Guindulman.
- **Goa** o 7,700, "O" E by N 8 mi.
- Gorda Head** c, i Mindanao WNW—Extreme, fr W—Extreme 5 mi
Point Coronado, 122° —.



Gorda Point, i Cebu W, 10°15 (an other on b Makajalar 8°30.)

Granada o 2,900 (8 ? mi) pr W—Negros.

Grion ? ?, i Luzon (00-4-18, 35. vol.)

Guadalupe com, Manila E 6 mi (99-2-19, Calif, Idaho) (99-3-1.
14, 22, g. b. Laguna d. B, 1. Wash, 2. Oreg, 20., 22. I,
4. C, 6. A.)

Guadalupe com, d Surigao S by E 80 mi.

Guadalupe ? com, i Cebu (00-10-21, 19. I.)

Gua-Gua o 10,700, 22 SSW 3 mi (99-9-3, 9, g. b. Laguna d. B, 9. I)
(99-10-9, 30. 9. I.)

Guam i, about 2000 mi E of Manila (Taifun, 00-11-16.)

● Gubat o 13,400, 37 ESE 33 mi, on Pacific (00-3-13, incend) (01-3-12,
Surr. to 47. vol.)

Gniguinto o 5,100, 27 NE 2 mi (99-3-30) (99-4-11) (99-10-8. 18, 16. I)
(00-9-16, 3. I.)

● Guijulungan o 7,000, pr E—Negros N 50 mi, 10°8.

Guimaras i, Straits, W of i Negros, opp Ilo-Ilo, a about 200.

● Guimbal o 11,000, pr Ilo-Ilo SW 18 mi.

Guinan o 11,300 (90 ? mi) i Samar SE—Extreme.

Guinapak Rock, under water NE fr i Camiguin N of Luzon
(99-11-2, Charleston.)

Guindulman (Glandulman) o 8,100, pr Bohol NE 40 mi.

● Guinobatan o 20,500, 37 W by N 8 mi (00-3-14, 47. I) (00-6-30, 11. C)
(00-10-7, 11. C) (00-12-17, 19, 27, 9. C) (01-0-31, 9. C) (01-2-16, 9. C.)

Guisijan o 6,200, pr Antique N 26 mi.

● Gumaca o 7,600, 35 E 25 mi.

Hagoney o 20,000, 27 W by N 10 mi (10-2-13, 3. I, ammuni. fr
Swamps.)

Hassa'an (Hiassan) See Iasa'an.

Haya o 1,100, d Dapitan.

Hermosa (Liana Hermosa) o 2,600, 25 N 11 mi (00-7-14, 32. vol.)

● Higo h on b Davao W—angle, 125°48.

Hilang (Ilang) ("disappeared") (00-2-7, 11. C.)

● Hilongos (Ilongos) o 13,800 (66 ? mi) i Leyte, Southern W—coast, 10°22, 124°43, (00-3-13, 43. I) (00-5-6, 23. I) (00-6-24) (00-8-18, 44. vol) (00-11-22, 44. vol.)

Hindang o 5,300 (9 ? mi) i Leyte.

Hinundangan o 7,900 (62 ? mi) i Leyte.

Hinundayan o 3,900, i Leyte SE by S 67 mi.

Humingan com, near San Quintins, 20 N by W 43 mi (99-11-10, G. Lawton.)

● Jabonga, See Fabonga.

● Jaen o 4,700, 20 NNE 1 mi (00-10-20, 24. I.)

● Jagna o 1,200, i Bohol E, NE 25 mi.

Jaguaya o 2,500, (31 ? mi) pr Capiz.

● Jala-Jala o 1,700, 30 S by E 14 mi.

Jolar ri, cptl Ilo-Ilo,

Jaligui (Jaliki) ri, com, i Cebu W, N by W 40 mi, 10°55.

Jamindan o 5,000 (6 ? mi) pr Capiz.

Janinay o 28,000 (3 ? mi) pr Ilo-Ilo (Pototan, 00-6-8')

Jaro o 9,500, pr Ilo-Ilo (99-2-12 22, 18. I, 6. A) (99-11-18. 21, 18.. =26. I, 6. vol) (Santa Barbara, 00-10-2.)

Jaro o 12,500, i Leyte W 18 mi (00-3-16, 43. vol) (00-8-26, 27, 43., 44. I.)

● I'asa'an o 9,400, d Misamis NNE 22 mi.

● Iba com, 22 N 18 mi (99-12- , 25. I) (00-1-3, 6, 25. I, 3. C.)

● Iba'an o 8,900, 34 ENE 6 mi.

● Iabajay o 11,400, pr Capiz WNW 62 mi.

Ibisan o 5,000 (6 ? mi) pr Capiz.

Igbaras o 12,100 (24 ? mi) pr Ilo-Ilo.

Igcabucao (Igcabucoa) ?, i Panay (00-13-17, 20. vol.)

Ignacio ?, i Luzon (00-12-18, 49. vol.)



● Iguig o 4,000, 7 N 9 mi.

Jiabong o 3,600, i Samar.

Jimalaud o 5,600 (59 ? mi) pr E—Negros.

● Jimaylan o 6,800, pr W—Negros S by W 44 mi.

Jimenez o 8,700 (75 ? mi) d Misamis (00-12-1, 40. vol) (01-1-21. 11, 28. Hos. C, 40. vol.)

Jimeno o 3,300 (25 ? mi) pr Capiz.

Jinagaran o 13,600 (28 ? mi) pr W—Negroes.

Ilaga ?, i Panay (See Pavia) (99-11-21, 18.I.)

● Ilagan (1. S. 8) (00-12.31.)

Ildefonso ? (near 20, just N of Maasin) (99-5-13, 14) (99-11-24, 3, I.)

● Iligan b, o 6,000, i Mindanao N, at inner angle of b, 124°—, d Misamis WSW 65 mi (00-3-2. 24, 16. I.)

● Illana b, i Mindanao S, fr i Basilan NE.

Ilog o 6,100, pr W—Negros SSW 52.mi,

● Ilo-Ilo pr 473,000, i Panay SE, cptl 10,400 (on ri Jalar) 10°33, (98-12-28, expd. arrived) (99-2-8, 11, 12. 15., 18. incend, at Molo, smburb) (99-3-1, 9, 18. I, 6. A) (99-9-15, 1. Tenn) (99-11-14. 21, 18., 19., 26. I, 6. A) (00-2-12. 23, 18. I, 26. vol) (01-1-11) 41 more o, 17 mare over 10,000, Janinay 28,700, Miagas, Cabatuan, Pototan, Dumangas, Leon, San Joaquin, Passi, Oton, Santa-Barbara, Igbaras, Alimodian, Barotoc-Nuevo, Dingle, Guimbal, Sara, Pavia, (at Ilo-Ilo cptl, 00-4-14 cable broken by Earthquake) 01-1-11, Delgado Surr to G. Hughes.)

Ilongos, See Hilongos.

Imus (1. S) (99-6-19, G. Wheaton) (99-7-1, election) (99-9-6. 29, 4. I, 5. A) (99-10-3- 5, 6. 11. 13, 4., 14. I) (99-11-20, 24, 25. 28, Co. L ?, 5. A) (00-1-4. 7. 8, 4., 28., 30. I. 5. A) (00-9-24, 26)

Inabanga o 10,000 (41 ? mi) pr Bohol.

Inautan o, i Samar W, S 18 mi, 11°28.

● Indan o 5,800, "N" NE by E 12 mi (00-1-7) (00-5-30.)

● Indang o 1,500, 29 S 22 mi (00-1-6, 4., 11. C, 30., 46. I, A) (01-3-12, 2. I.)

L. of C.



Inopacan o 4,200 (92 ? mi) i Leyte.

Jolo (Sooloo) Sultanship, some 160 i's, principal i : Jolo (Sooloo) 17,000, (500 Aborigins, 600 Chinese, 16,000 Mohammedan Malays) (99-5-19, 23. I, garrison)

Iriga (1. S) (00-3-10, incend.)

● Irirum (Yrirum) o 143, i Mindanao W, S by W 60 mi.

● Issbela de Basilan cpl d i Basilan NNW, i Mindanao SW—Extreme.

Isabela o 11,000, pr W—Negros.

Isabela pr (1. S. 8) (01-3-23, Aguinaldo cpl'd by G. Funston.)

Isiu o 1,600, 37 SE 24 mi (closely W of o Casiguran.)

Ivo ? (? 19) (99-12-19, 25. I.)

Kab-Kabo (See also Cobo) com, i Samar W, 10°22, fr W—coast E 21 mi, fr N—coast 11 mi.

Kalaklan Point, b Subig (99-9-23, bombarded, Charleston, Monterey, Concord, Zafiro, Baltimore.)

Kalo Point, E—Negros, 9°29.

Kamainsi (? Comansi) Point, in head of b Pujada.

Kanalasan, See Glan-Masilan.

Kanaren, See Kraan.

● Katadman o 8,200, i Samar NW, opp i Bobon, N fr Kabo-Kabo, NNW 40 mi.

Kataingan Port, i Masbate S, 12°—, 124°—.

Kinatilan, See under G.

Kipit (Galena Point) i Mindanao NW, W of b and ri Kipit, W of b Sindangan, E of Point Gorda.

● Kota-Batoo ("stone buldings") d 3,000, i Mindanao on Celebes Sea, and on b Illana E (formerly residence of Gov.-Gen'l) cpl't 295, fr h Palak (Pollok) S 5 (? 10) mi, on northern branch of ri Mindanao, one more o, Tamantaco 1,900 (3 mi) (tabacco, cacao, sugar, maize, cotton) (00-1-3, 31. I.)

● Kraan (Kanaren, Canaren) ri, com (coal) i Mindanao, fr Point Polo E 5 mi, 6°6, 124°22.



- Labo (Loboo) o 4,200, "N" NE 2 mi (00-5-18, 28.)
- Laboagan ? com, pr Alba E (00-5-7)
- Labuan ("harbor") ?, i Negros (99-10-1, 6. I.)
- Lacup com, 5 ENE 35 mi.
- Lacy o 6,400 (25 ? mi) pr Bohol.
- Lagat ? com, 7 W ? SW (? Magat) (00-5-19.)
- Lagatan com, 34 NE by E 22 mi.
- Lagayan com, 5 NE by E 22 mi.
- Laglag com, pr Ilo-Ilo N 25 mi.
- Lagonoy b, 36 E, cpld 8,500, pr Camarines.
- La Granja o 3,400 (25 ? mi) i Samar (99-12-7, 6. I.)
- Laguan b, i, i Samar NW, near Port Palapa(g) (00-10-12, 4. A.)
- Laguna, La (de Bay) ("lake" of Bay) (1. S. 32) (99-4-9... 17)
(00-1-20. 23, 4 engagements.)
- Lalloo (La-Lo) o 6,500. Aparri S 13 mi.
- Lambunao o 8,000 (21 ? mi) pr Ilo-Ilo NNW (99-11- , G. Hughes)
(00-5-31) (00-7-11, 26. I.)
- Lambusan o, i Cebu W, N 48 mi, 11°1.
- Lampag ? ? (00-4 26, 44. vol.)
- Lanang o 4,800, i Samar E, ESE 42 mi, 11°30.
- Langarang o 11,800 (138 ? mi) d Misamis.
- Lantag (? Lampag, Lagat) com, 5 NE 10 mi.
- Laoag (1. S. 4) (99-12-10, Navy.)
- Laoang o 8,000, i Samar.
- La Paz ?, pr Leyte ? (? pr Ilo-Ilo) (00-3-5, 43. I) (00-4-26, 23. I)
(00-11-12, 12. I.)
- La Paz o 2,800, pr Tarlac SE 9 mi (99-3-2, Tenn. 6. A.)
- La Paz o 3,600, pr Ilo-Ilo, suburb.
- Lapo o 6,000, 5 NNE 13 mi (00-7-8, 35. vol.)

Las Pinas o 4,000, Manila S 8 mi (99-6-10) (99-7-1, election) (99-7-17, 21. I, (00-9-24, 26.)

Lebac h, ri, i Mindanao S—Coast, 6°32.

● Legaspi h, 6,000, 37 NE 2 mi (99-12-4) (00-1-21, Nashville) (00-2-26) (00-3-9, 10, 11., 47. vol) (00-4-13, 47. vol) (00-7-1, 2, 4., 6., 47. vol) (00-10-20, 11. C.)

Legaspi mt 3889, i Mindanao, in range near NE—Extreme parallel to E—coast, opp i's Bukas.

● Lemery o 2,900, on right bank ri Pansipil. conn. by bridge to o Taal, 34 N 15 mi (00-1-18, 19, 20, 38., 46. I) (00-6-4.)

Lemery o 3,700 (30 ? mi) pr Concepcion, i Panay NE.

Leno, See Linao.

Leon o 14,000 (16 ? mi) pr Ilo-Ilo (99-11-20, 26. vol) (00-6-20, 26. vol.)

Lepanto com, pr Lepanto, 11 NW 8 mi.

Leyte i. pr 270,000, a 3,800, cptl Tacloban 5,200, NE, 43 more o, 11 over 10,000, Dagami 25,000 central, Borauen, Tanau'an, Maasin, Polo, Baybay, Hilongos, Carigara, Jaro, Baroo, Dulag.

Leyte o 6,700, Leyte N, WNW 35 mi.

Lezo o 5,500, pr Capiz.

Liago ? ? (00-4-11, 47. vol.)

● Liangao o 6,300, d Surigao E, SSE 65 mi, on b, 8°25.

Libacao o 4,000, pr Capiz W by S 25 mi.

Libas (San Jullan) o 3,600, i Samar E 35 mi.

Libmanan o 14,500 (1. S) (00-2-20, 40. vol) (00-5-21, 45. I, 11. C.)

● Ligao o 17,400, "P" SW 5 mi (00-6-24, 47. vol.)

● Liganasan (Biguasin) lake through which ri Mindanao flows, 40 mi to ri mouth.

Lila o 4,500 (18 ? mi) pr Boeol.

● Lilio o 5,000, 32 S 9 mi, "H" NNW 9 mi (00-1-22, G. Schwan,)

Liloan o 4,000, pr Leyte, N—Extreme of islet Panaon, S by E 80 mi.



Liloan o 8,400, i Cebu NNE 11 mi.

Limbones islet, NW—Extreme pr Cavite (in the cove, (00-12-19, 4. C, boat-crew.)

● Linao (Leno) b, com, fr i Basilan E, 6°44 (00-3-2, 16. I.)

Linao com, near Aparri, i Luzon N (00-3-21, 49. vol.)

Linas o, i Samar E, 11°52.

Liway com, "F" NE 5 mi. on Manila b.

● Lingayen (1. S. 16) (99-8-2, Saturnus, "Pampanga") (99-11-7, 13. I, 33. vol, 6. A, Sig, Navy) (99-11-9. G. Wheaton's exp. arrives.)

● Lipa (1. S) (00-1-13, 14, 15.; 38, 39. I, 30. vol) (00-5-22, 11. C) (00-7-21, 33. I.)

● Loay o 7 200, pr Bohol E 11 mi.

Loboc o 10,000, pr Bohol E by N 12 mi.

Loctugan o 3,500 (5 ? mi) pr Capiz.

Loculan o 2,100 (80 ? mi) d Misamis (00-5-14, 40. vol) (00-7- , 4. I.)

● Longos o 1,400, 32 NE 5 mi (99-4-11, taken) (00-12-31, 15. I.)

● Loo o 724, 14 NE by N 18 mi.

● Looc b, com 1,200, i Lubang E, 13°44, 120°17.

● Loog Port, See Tabias, pr Romblon, 12°16, 121°57.

● Loon o 15,400 (17 ? mi) pr Bohol W.

Lopez o 6,400, 35 E 30 mi.

● Lubang i, o 6,500, pr Mindoro WNW 74 mi.

● Lubuao o 21,100, 22 S 4 mi (00-1-5, 28. I, (

Lubnngan o 5,200, d Dapitan SW 10 mi.

● Luchan o 12,800, 35 NW 8 mi.

Lucena o 6,500 (7 ? mi) pr Ilo-Ilo.

Luhua ? (near 20) (99-10-29, 36. I, 3. A, Hos.

● Luisiana o 3,800, 32 SE 13 mi.

Luk Port, i Tabias W. see Loog Port.

Lukakate com, See Salassa.

Lumbang o 4,300, 32 NNE 1 mi.

Lumbara (Lumubara, See Lubuas ?) (00-1-7.)

● Lunisijan o 3,000 (25 ? mi) pr Antique.

Lupao o 608, 20 (See Luhao) (99-11-12, 22. I, 3. C, Macabeles.)

Luzon i N (expedition in mts, 99-12-12, 3. C.)

Luzon o 7,500 (45 ? mi) d Davao (00-15-18, 45. vol) (99-5-4, Oreg, Dak, 3. I, Utah A.)

Maasin ? (near 20) i Luzon (99-11-24, 3. I) (00-10-30.)

● Maasin (Masin) o 18,500, i Leyte S 80 mi, 124°50 (00-10-30, 35. vol.)

● Maasin o 9,700, pr Ily-Ilo NW 10 mi.

● Mabalakat (Makalabat) o 10,600 22 N 15 mi (99-11-7. 10. 28, 7. I, 4. C, scouts) (00-1-17, 18, 19., 3., 17. I, C) (00-2-2) (00-3-31, 9. I) (in mts W, 00-6-29)

● Macabebe o 10,400, 22 SE 7 mi.

Macato o 10,100, pr Capiz W by N 34 mi (00-2-24, 6. I.)

MacCrohon o 5,800, i Leyte (Mac S 60 mi at angle of b) (MacCaba-han.)

● Mactan (Magtan) (i by cptl Cebu, i Cebu E (Magellan + by ar-row, 1521.)

Madalag o 2,700, pr Capiz W 23 mi (00-1-30)

Madrigal com, i Negros W, S by W 20 mi (99-12-15, 6. I, native po-lice.)

● Magalang o 8,300, 22 N by E 7 mi (99-11-6. 10, 31. vol, 17. I, 1. A, Eng, Sig.)

● Magalannes o 1,200, 29 SW by S 35 mi.

Magaldan ? (16 NE) (99-11-10, 33. vol.)

Magallanes o 1,100, pr Romblon NW—coast.

● Magallanes o 2,400, 37 S by E 24 mi.

● Magamanor com, i Catanduanes on the northern b central W, 14°.

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

$$f(x) = \int_0^x f(t) dt + \int_0^x f(t) dt + \dots$$

It is shown that the function $f(x)$ is continuous and differentiable at the point $x=0$. The derivative of the function at this point is equal to $f'(0) = 1$.

2. In the second part of the paper, we consider the function $f(x)$ defined by the equation

$$f(x) = \int_0^x f(t) dt + \int_0^x f(t) dt + \dots$$

It is shown that the function $f(x)$ is continuous and differentiable at the point $x=0$. The derivative of the function at this point is equal to $f'(0) = 1$.

3. In the third part of the paper, we consider the function $f(x)$ defined by the equation

$$f(x) = \int_0^x f(t) dt + \int_0^x f(t) dt + \dots$$

It is shown that the function $f(x)$ is continuous and differentiable at the point $x=0$. The derivative of the function at this point is equal to $f'(0) = 1$.

4. In the fourth part of the paper, we consider the function $f(x)$ defined by the equation

$$f(x) = \int_0^x f(t) dt + \int_0^x f(t) dt + \dots$$

It is shown that the function $f(x)$ is continuous and differentiable at the point $x=0$. The derivative of the function at this point is equal to $f'(0) = 1$.

5. In the fifth part of the paper, we consider the function $f(x)$ defined by the equation

$$f(x) = \int_0^x f(t) dt + \int_0^x f(t) dt + \dots$$

It is shown that the function $f(x)$ is continuous and differentiable at the point $x=0$. The derivative of the function at this point is equal to $f'(0) = 1$.

6. In the sixth part of the paper, we consider the function $f(x)$ defined by the equation

$$f(x) = \int_0^x f(t) dt + \int_0^x f(t) dt + \dots$$

It is shown that the function $f(x)$ is continuous and differentiable at the point $x=0$. The derivative of the function at this point is equal to $f'(0) = 1$.

7. In the seventh part of the paper, we consider the function $f(x)$ defined by the equation

$$f(x) = \int_0^x f(t) dt + \int_0^x f(t) dt + \dots$$

It is shown that the function $f(x)$ is continuous and differentiable at the point $x=0$. The derivative of the function at this point is equal to $f'(0) = 1$.

Magangan o 300, 14 ENE 10 mi.

● Magarao o 5,700, 36 N 4 mi.

● Magat ri, "E," 15, 8 S, to ri Cagayan (junction 8 SE 10 mi, 99-12-7, 24. I.)

Magdalena o 2,400, 32 S 7 mi (00-2-7, 28, 37. I, 4. C) (00-3-14, 37. I) (00-7-18.)

● Magsingal o 8,400, 5 N by E 9 mi.

Maguindanao ? lake in centre of i Mindanao.

● Maguinoc o 4,700, i Camiguin SE, d Misamis N 48 mi.

● Majayjay (Banajao) mt, "H" 6097, o 6,500, N 10 mi (00-1-23, 37., 39. I) (00-8-1.)

Mainbun new cptl i Jolo, S—coast, S.

● Mainit o 4,500, d Surigao SE 17 mi, on NE—Extreme of lake.

● Makajalar b. i Mindanao NW, d Misamis, 8°30, 124°30.

● Makalelon o 3,000, "N" WSW 45 mi.

Makalon o 6,100, i Leyte W, S by W 72 mi.

● Makaturin vo in range Soogoot (Bangaya), latest eruption 1872, fr Kota-Batoo E or NE 25 mi.

Malabagum ?, i Luzon (00-6-22, 11. C.)

Malabog ?? (00-4-20, 3. C.)

Malabon com, Manila N 4 mi, on b (99-2-9. 11. 24. 27, Callao, Monadnock) (99-3-1, 4. 9. Neb, g. b. Bennington.)

Malabrigo Point, 34 ESE 17 mi.

Malabuyoc o 13,100. i Cebu SSW 55 mi, 123°58.

● Malalag h, i Mindanao on western inlet in b Davao.

● Malanao Lake, i Mindanao N, fr b Iligan SE 25 mi.

● Malanday com, fr Mariquina N 1 mi.

● Malasiqui o 8,900, 16 SE 16 mi.

Malaspina vo 8200, i Negros NE, fr Bacolod SE 23 mi.

● Malate o 2,300, Manila S 2 mi (99-7-30, 31) (98-8-13.)

● Malaueg o 3,800, 7 WNW 33 mi, on ri Saltan.

Malaya o 700 (8 ? mi) 11.

Malayoo ("Malay") Point, i Samar W 12°13.

● Malibay o 2,909, Manila S 5 mi.

Maligay b, i Mindanao, betw Flerha Point and b Dumankilas,
7°30, 123°16.

Malilipot o 6,000, 37 N by E 12 mi, 123°14

Malinao o 10,000, 37 N 18 mi.

Malindy mt ?, i Panay N (00-9-19, 44. vol.)

Malinta com, 1 mi N of Tinajeros, N of Manila 5 mi (99-3-26, 22. I.)

Malitbog o 7,900, i Leyte S 80 mi, on b (00-3-29, 43. vol.)

● Malolos (1. S) (00-1- , 3. I) (99-3-31, taken) (99-4-10) (00-1- , 3. I)
(00-7-4, 3. I) (00-9-20, 3. I) (00-11-24, 3., 30. I.)

Maluguinao, See Matuguinao.

Malumu ?, i Luzon (00-6-3, 16. I.)

● Mambayao o 18,000, i Camignin N (53 ? mi) d Misamis.

● Mambulao ("place of gold") h 1,200 (read lead) "N" NNW 17
mi, on b.

Mambusao o 11,000, pr Capiz SW 13 mi (00-10-10, 18. I.)

Manada'an ?, i Panay (00-7-11, 26. vol.)

Mananan ?, pr Batangas (00-7-21, 34. vol.)

Manavag o 17,5000 (19 ? mi) 16.

Mandaue o 15,3000, i Cebu E, NE 3 mi.

Manduriao o 6,700 (4 mi) pr Ilo-Ilo (99-2-25.)

● Mangatarem o 10,000, 16 S by E 17 mi (99-11-24. 29, 23. 33., 36. I)
(00-1-20, 36. I.)

Mangonone ? com, near Bacoar, pr Cavite (00-9-15.)

Manguirin o 1,300, 36 S by E 9 mi (00-6-24)

Maniching ? (Maniling ?) com, i Luzon (00-9-13, 14. 24. I, 34. vol.)



- Manila b, diameter about 30 mi, entrance 11 mi, cptl (1. S) fr Manila S : Ermita, Malate, Pineda, Pasai, Malibay, Tombo, Paranaque, Las Pinas (8 mi), Pamplona SSW 11 mi, fr Las Pinas SW : Talaba on ri Zapote (10 mi), then S : Ambang, Mamba, Ligas, San Nicolas, then W : Baltoo, Palico, Imus (fr Manila 16 mi), fr Manila N : Caloccan (4 mi), Balintauac, Talisapa, Bagbag, San Bartolome, Novaliches (10 mi), side-ward : Gaya-Gaya), San Jose, Surupatay ("the title of a high official"), Tiebic, (Norzagaray 23 mi); Angat 8,000, Marunco, Polo, San Miguel 20,500 (36 mi); fr San Miguel NNE : Baliron, Tartara, Santa Lucia, Mayontoc (5 mi), Penaranda (15 mi), fr Penaranda SW 8 mi : cptl San Isidro (1. S. 20), fr Manila to Tambobong, 25,000, 4 mi, Maiabon, Trajeros, Polo 7,900, Malanday, Marilao 5,100, Loanboy, Bonglo, Bocaue 10,300, Biga'a 8,100, Burul, com ?, Bullhan, Culiani, Calmbao, Tulay, Balluag 14,100 (98-7-15, 31., 1. Calif, Malate) (98-8-1. 2, Span. fire) (98-8-12, clear for action) (98-8-13, taken, armist) (98-10-25, Fil. retire by instr) (98-12-15, Astor B, home) (99-2-11, S of Manila 12 mi, 14. I, 4. C) (99-2-15, arrests by 1. Oreg, 13. Minn) (99-4-28) (99-5-20, Ovenshine) (In the engagements near Manila after the first shots at Santa Masa by pickets of the 3. Nebraska, 99-2-5, the following troops participated: 14. 18. 22. 23. I, 1. Calif, 1. Color, 13. Minn, 1. Neb, 2. Oreg, 10. Penn, 1. Wyo, 20. Kans, 1. Mont, I, 1. North Dak, 1. Wash, 1. Idaho, 1. South Dak, 1 Tenn, 3, 6. A, Utah A, Astor B., 4. C, Eng, Hos C) (00-5-5, G. Otis departs) (00-7-1, G. Ricarte cpt'd betw Paco and Santa Ana) (00-7-16, pris. revolt) (00-11-24, Lt. Kennedy.)

Maniling ? (? Maguiling mts) com, i Luzon (00-6-4, 24. I) (00-7-4.)

- Manjuyod o 7,500, pr E—Negros, N 35 mi, 9°44.

- Mansalay o 379, i Mindoro E, S 64 mi,

Mantalingayan vo, i Paragua, fr Puerto Princesse N.

Mauuan ? See Batangas.

Maragondon o 8,300, pr Cavite 43 mi (01- - .)

Maravilla ?, i Cebu (01-2-13, 19. I.)

Maria o 5,400, pr Bohol, upon i Siquijor SW 40 mi.

Mariano ? com, ? (01-1-29, 15 I.)

Maribacan Convent, Manila S, fr Malate SSE 2 mi.

● Maribojoc o 10,900, (9 mi) pr Bohol SW.

Marigodon Point, com (? Maridudon), "P" SSW, $12^{\circ}57'$, $123^{\circ}30'$
(00-6-16, 3. C.)

Marilao o 5,100, pr Bulacan (27) SE 8 mi (99-3-27) (99-4-11.)

Marinduk i, 35 SE 50 mi, pr Mindoro, 39 E 44 mi (00-10-15, 29. vol
pris. returned.)

Maripipi o 2,000, i Leyte, fr o Leyte 1 mi.

● Mariquina (San Mateo ri) ri, o 10,300, Manila ENE 10 mi (99-2-7,
17. 24. 26. 27, on rord, inc, 1. Neb) (99-3-5.16. 21. 31, 23. I., Color)
(99-8-11. 13, 4. C) 21., 24. I) (99-10-7. 8, 14. I) (00-5-24) (00-9-)
(Santalon, 00-10- , 1. Neb, 20. Kans, 1. Wash.)

Mariveles i, See Corregidor (i Sicogon, 99-10-16, boat's crew.)

Marunco ?? (99-4-26.)

● Masbate i, with i Tikao, pr Masbate 26,500, o 123, cpl? (? Mas-
bate 2,300, ? Palanoc) (1762-10-5) (1763-2-10) (98-8-13) (98-12-10)
(99-2-4) 12° —, 25 com, 10 more o, none 6,000.

Masin, See Maasin.

● Masinloc h 3,000, 18 N 15 mi.

Masingloc Port near NW—Extreme of i Luzon.

Mataginas? ? (00-5-11, 23, I.)

● Mati ("dead") d, i Mindanao SE, 9,800, cpl at inner angle of b
Pujada, 600, $6^{\circ}46'$, 126° —, 6 more o, none 10,000, Caraga 8,700
NNE 35 mi on Pacific.

● Matiquio com, 32 NNW on opp bank of Laguna, N.

● Matnog o 3,700, "R" S 12 mi (00-12-27, 47. vol.)

Matnguinao mt, com, i Samar N 20 mi (00-3-8, 43. I, 4. vol) (00-5-11.)

Matutung vo, i Mindanao, fr S—Extreme N by W 120 mi.

Mauban o 9,300, 32 E by S 20 mi, "H" NE 15 mi (01-1-8, 30. vol.)

● Mavitac o 1,400, 32 N 10 mi, fr Siniloan W 4 mi (00-9-16. 17. 18,
37. vol.)

Maycau'ayan, See Meycanayan.

Medellin o 8,200, i Cebu.

[The page contains faint, illegible markings.]

012Y 01-17-05-000A 012

1919-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

[Faint, illegible text]

0-687-1191-1 (hardcover)

1000

LETTERMAN, S. 1993.

Mercedes o 2,400, d Zamboanga NNE, 10 mi.

Mercedes o 8,200. i Cebu.

- Mexico o 17,000, 22 NE 17 mi (99-10- , 4. C) (00-6-9, G. Hizon cpt'd.)

Meycanayan, com, fr Polo N 2 mi, (27) (99-3-26))99-9-20, 16. I.)

- Miagas o 22,100, pr Ilo-Ilo SW 24 mi, on coast.

Mina o 4,400, pr Ilo-Ilo.

- Minalin o 6,400, 22 ESE 5 mi.

- Minanga com, 8 E 13 mi.

- Mindanao i and adjacent i's 611,000 (400,000 Mohammedans and Pagans, 200,000 Christians), a 34,000, 8 d's including d i Basilan, Kota Batoo, Dapitan, Davao, Mati, Misamis, Surigao, Zamboanga (00.4- , 11 garrisons.)

- Mindanao ri, navigable 60 mi for $3\frac{1}{2}$ draught, sources betw. vo,s Makaturin and Apo, flows through lakes Liganasan and Buluan (? Mindanao Lake) (? Magumdanao) in centre of i, 7°28, 125°—, size 15 by 20 mi, See Kota-Batoo.

- Mindora i, pr 106,000, a 4,000 (? 3,000) cptl (1. S. 39) h Calapan 5,600, 27 more o. 2 over 10,000, Santa Cruz de Napo 15,000, and Boac (upon i Marinduk.)

Minduriao, ?, i Panay (99-11-10, 18. I.)

Minglanilla o 6,3000 (5 mi) pr W—Negros.

Misamis d, i Mindanao N opp i's Visaya, including i Camiguin 80°45, 123°10, gold mines, cptl Cagayan 9,400, 31 more o, one over 10,000, Mombuyao 18,000 (53 ? mi) (rice, cacao, gold)

- Misamis o 6,100 (85 mi) across W—inlet of b Iligan.

- Mlut com in NE—angle of b Sarangani, 15 mi fr vo Matutung.

Moalboal (Mualbual) o 2,500, i Cebu (00-10-7, 44. vol.)

Mogpoc o 5,200 (10 ? mi) i Masbate.

Mogpoc com, fr Boac N 3 mi.

Molo o 9,500, pr Ili-Ilo NW 1 mi.

- Montalban o 3,000, Manila NE 17 mi (99-12-19. 29, 27., 45, 47. I, 11. C, A) (00-11.22, 27., 46. vol.)



Monte Maridudon (See Marigodon.)

● Morong (1. S. 30) (99-6-5, occupied) (00-1-27, 27. I.)

Mundaca, a steamer (cptd by "Panay," 99-9-22.)

Munes (Munos) ?, i Luzon (00-10-10, 24. I.)

Muntilupa o 5,100, pr Manila SE 21 mi, on Laguna, (99-6-28, g. b. Napidan) (99-10-12, 13, 27. vol, 37. I) (00-9-26.)

Murcia o 8,000 (8 mi) pr W—Negros.

Murcielagos islets, i Mindanao N, 8°8, 122°26, fr Point Kipit N.

Mutuantiam ?? (00-4-18, 35. vol.)

● Naga o 10,900, i Cebu E, SSW 11 mi. 10°12 (00-6-20. 30, 19. I.)

Nagaba o 8,000 (5 mi) pr Ilo-Ilo.

Nagapan ri ? (? Gapan ri) (no date, .)

● Nagcarlang o 13,000, 32 S by W 9 mi.

Nagpartian o 2,000, 4 N 22 mi.

Naguilian o 10,4000, 13 SE 11 mi (99-12-7, 24. I.)

● Na'ic ("Landing") o 9,200, 29 SW 17 mi (00-1-9, 4., 11. C, 30., 46. I, A) (00-2-9, 11. C) (00-5-4, 11. C) (00-9-21, 4. C) (01-2-14, 46. vol.)

Nalbogan com, See Salassa.

● Nalupa o 3,000, pr Antique N 27 mi.

● Namacpacan o 8,600, 13 N 27 mi (99-11-23, G. Young) (00-2-26. 3. C.)

Narbacan (1. S) (99-12-5... G. Young, C, 33. I, A, Macabebes) (00-10-24, 3. C.)

● Nasiping o 1,000, 7 N by W 27 mi.

Naso Point and Nasog Point, i Panay SW—Extreme and NW—Extreme.

● Nasugbu b, o 8,600, 34 WNW 46 mi, 33 W (00-10-11, 28. vol.)

Natungos' a boiling lake at a height of 1200 feet, "G" N near Los Banos.

Naujan o 8,300, i Mindoro SE by E 14 mi.

Naval o 3,200 (59 ? mi) i Leyte.



Navas o 5,300 (75 ? mi) pr Capiz.

Navas (Las) o 2,800, i Samar.

● Navotas o 9,200, Manila N 5 mi, on b.

● Negros i, 322,000, a 3,300, 2 prs: Western—and Eastern—Negros, mt Negros (? mt Bacon) 6244, S, 120 com, (99-7-2, 18.22, Calif. 6. I) (99-10-6, 27, 6. I, Gov. installed.)

Nin b, i Masbate W 12°13, 123°17, h Mandao.

Ninac com, See Salassa.

● Norzagaray o 5,300. 27 NE 14 mi, Manila N by E 25 mi (99-4-25) (00-6-4, 14, 35. vol) (00-11-16, Philig C.)

Noveleta o 2,800, 29 WSW 3 mi (99-10-8, 13., 14. I. 4. C, A, mar., "Petrel.")

● Novaliches o 1,900, Manila NNE 10 mi (99-3-24) (99-4-22, Tuliahan ri, G. Lawton) (99-10-8, Petrel) (99-11-21, 16. I) (00-9-18, 27, vol.)

● Nueva Caceres (1. S. 36) (00-4-8, 45. vol) (00.8-24, 45. I.)

Numancia o 6,100, pr Capiz.

Numancia o 4,100 (50 ? mi) d Surigao.

● Oas o 10,400, 37 NW 22 mi.

Odiogan o 5,900, pr Romblon W by N 19 mi, upon i Tablas NW.

O'Donnell o 2,000, 19 SW by S 14 mi (99-11-20, 25. I) (00-11-4, 12. I.)

Olongapo Port, b Sublg E (99-12-9, 10)

Oluntanga i, i Mindanao S, fr i Basilan N by E, fr b Dumankilas W, fr b Sibugel E.

Opol (? Opot) b, com, d Misamis, fr mouth of ri Cagayan W 5 mi.

Opon o 11,500, i Cebu E by S 9 mi, upon i Mactan.

Oquendo o 5,200 (20 ? mi) i Samar.

● Orani ri, o 6,400, 4 mi inland, 25 N 10 mi (99-9-17, "Urdaneta") (99-10-2, Callao, Mindoro, Cardoqui, Basco, an armed lighter, mar. fr Cavite, bluejackets fr Baltimore, Petrel, Helena.)

● Oras o 5,700, i Samar E, NE 46 mi, 12°9 (00-6-14, 32. I.)

● Orion o 10,400, 25 S by E 5 mi (00-4-11, 32. vol) (00-6-14) (00-10-8, 32. vol.)

Ormoc o 8,100, i Leyte W on b, 11°— (00-4-26, 43., 44. vol) (00-7-14),
(00-8-24) (00-10-15, 44. vol capture G. Alvarez.)

Oromtuleta ?, i Mindanao (00-7-12)

Oroquieta o 9,000, d Misamis W 62 mi (00-7-14, 24, 26, g. b. Callao
40. vol.)

● Oslob o 6,000, i Cebu SSW 78 mi, 9°27.

● Oton o 13,400, pr Ilo-Ilo W 7 mi, about 12°32.

Paete o 2,900, near 32 N (99-4-11, taken) (00-9-1, 37. vol.)

● Pagbilao o 5,000, 35 E 4 mi.

● Pagsanjan o 6,300, 32 E 4 mi (99-4-11, taken) (00-2-4) (00-9-14) fr
P. N : Lumbung, Longos, Paete, Pakil, Panggil ("to call"),
Siniloan, fr P. ESE i Cavinti; fr C. SE: Luisiana, Pagsanjan
ri.

Pagsaneosan ? ? (00-8-1, 11. C.)

Pagsanamán ? com, i Luzon (00-8-20, 11. C.)

Pakil o 1,700, See Pagsanjan, 32 N 9 mi (00-2-5, 42. I.)

● Palak ("Separated") See Kota-Batoo.

● Palanas h 2,700, i Masbate NE middle, 12°18 (00-9-29, 29. vol.)

● Palanog Port, i Masbate, NW of Palanas 15 mi, 12°22, 123°37.

Palantuan ri, fr "N" to junction with ri Bicol 36 NW to com
Cabuasó in W—angle b San Miguel.

● Palapag o 5,800, i Samar, N by E 60 mi, on N—coast.

Palauma ? i Luzon (00-11-23)

Palaven (Paragua) i, W—Extreme of Philippines.

Palistina ?, i Luzon (00-7-25)

Palo (Palos) o 17,700, i Leyte S 44 mi (00-5-5, 29, 43. I.)

Palompon o 7,900, i Leyte W, WSW 42 mi, 11°2.

Pambujan o 7,400, i Samar N 57 mi.

Pampoan com, 20 ENE 4 mi (00-6-25)

● Pampanga ri (Rio Grande de Pampanga) (1. S) (99-11-7) (in its
Delta. 00-7-4) (00-9-1)

The first part of the paper discusses the importance of the study of the history of the United States. It is argued that a knowledge of the past is essential for a full understanding of the present. The author then proceeds to a detailed examination of the various factors that have shaped the development of the United States, including the role of the individual, the influence of the environment, and the impact of the social system. The author concludes that the study of the history of the United States is a task of great importance, and that it is one that should be undertaken by all who are interested in the future of the country.

In the second part of the paper, the author discusses the importance of the study of the history of the United States. It is argued that a knowledge of the past is essential for a full understanding of the present. The author then proceeds to a detailed examination of the various factors that have shaped the development of the United States, including the role of the individual, the influence of the environment, and the impact of the social system. The author concludes that the study of the history of the United States is a task of great importance, and that it is one that should be undertaken by all who are interested in the future of the country.

● Pamplona ri, "E" NNE, o 2,400, fr Aparri W by N 23 mi, (99-12-20, bat. Newark, mar. Callao) (00-5-7, 45. I.)

Panagsagan ? i Bohol (00-12-12. 29, 19. I, 44. vol.)

Panaon i, i Leyte near SE—Extreme.

● Panay i, a 4,700, 4 pr's including pr i Bohol, Antique (Antiki), SW, Capiz NW, Ilo-Ilo SE, and d Concepcion, under admin. of Cebu, (typhoon, 90-11-9.10), Panay o 15,000 (4 mi) pr Capiz.

Pandacan o 2,400, Manila E by N 2 mi (99-3-9, incend.)

● Pandan o 13,700, pr Antique N 72 mi, in bend of b (00-10- , 44. vol.)

● Panggil (? Panjil) o 2,500, 32 NNE 9 mi (00-7-26, 38. I) (00-8-24, 27., 37. vol.)

Panglao o 7,000 (10 ? mi) pr Bohol.

● Paniki o 8,700, 19 N 16 mi (99-11-18)

Panispin creek, h, betw Lemery and Taal.

Panitan o 10,000, pr Capiz S by W 5 mi (00-1-11, 18. I.)

Panon (Pano'an) i, betw i's Leyte and Mindanao, near Leyte SE.

Pantilan ?, i Luzon (? , 46. vol.)

● Paoay o 10,800, 4 SSW 12 mi.

Paombong o 10,300, 27 W by N 10 mi (99-4-13, 3. A.)

Papaya com, 20 ENE 10 mi (00-6-14)

Paragua (Palavan) i, pr 45,000, a 2,315, mts 6560, cptl Puerto Princesse 1,600, fr i Borneo N.

Parakale com, "N" N 15 mi on b (red lead.)

● Paranaque o 9,900, Manila S 6 mi (99-3-30, Monadnoc) (99-7-1, election) (00-9-24. 26)

● Paranan b, 8 E, com S of b 3 mi.

Paranas o 7,400 (8 ? mi) i Samar (00-5-16)

● Parang-Parang (fights" or "swords") ri and anchorage S of Palak, d Kota-Batoo.

Pardo (El), i Cebu, See El Pardo.



Paric o 3,500, i Samar.

- Pasacao h 1,600, 36 SSW 13 mi (00-4-15, 45. vol) (1-3- , 45. vol, 47. I, g. b. Don Juan de Austria.)

Pasai (Posai) com, fr Manila betw Malate and Malabay (98-7-30)

Pasajon (? Pasajan) ?, i Luzon (00-9-14, 11, C.)

Pasibri, fr mt "B" E into ri Chico-Cagayan.

- Pasig ri, fr Laguna de Bay NW to b Manila 7 mi, (by curves 19 mi), o 22,090, at mouth of ri Mariquina (ri San Mateo) into Laguna, Manila E 7 mi, (Span gunb. Arayat, sunk on northern bank) (98-5-17), raised (99-10-26) by Helena and 5 gunbs. (99-3-7, near ri, 20. I, Wyo, Neb, g. b's) (99-3-13, 14., 15. 18, 20., 22. I, 2. Oreg, 1. Wash, 6. A, 4. C) (00-1-2) (00-9-) fr o Pasig N by E: Cainta, Mariquina, Malanday, Bagumbayan, San Mateo Cuingayan, Burgos, Mont-Alban.

- Passi o 13,800, pr Ilo-Ilo N by E 30 mi (99-11-26, 18. I) (00-12- , 26. vol.)

- Pasuquin o 5,600, 4 N 10 mi (99-3-14) (00-11-5, 34. I.)

- Pateros o 2,800, Manila ESE 10 mi (99-2-14, 17. I9, Calif, Idaho, Wash, A, g. b. Laguna d, B., g. b. Helena) (99-3-14. 5., 6. A, g. bs,)

- Patnongan o 5,900, pr Antique N 9 mi (00-2-6. 18, I9. I ((00-4-28)

Pavia o 19,200, pr Ilo-Ilo N 6 mi (99-11-21, 6. A, 18. I) (00-6-30) (00-10-1, 26. vol.)

Payo o 2,800, i Catanduanes, central, 10°55 (00-10-16)

Paz, See La Paz.

- Penaranda (Panaranda) o 7,700, 20 NE 8 mi (00-3-6. 24, 22., 34. vol) (01-1-16)

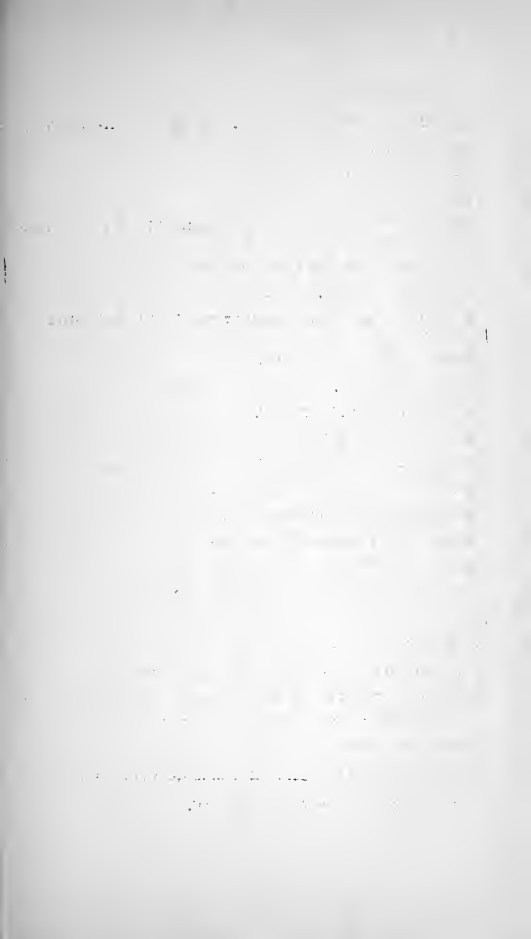
- Perez das Marinas o 4,700, 29 S by E 18 mi. fr Imus S, (99-6-19.20) (99-10-12, G. Schwan) (00-1-8)

Perim com upon i ? (Rizal's exile.)

- Piat o 2,700, 7 NW by W 15 mi (00-5-)

- Piddig o 10,800, 4 E 7 mi.

- Pila o 6,000, 32 SW 5 mi.



Pilar o 4,300 (38 ? mi) i Cebu.

● Pilar o 5,500, 37 S by W 18 mi. on b (h Putiao) (00-11-30, 36. vol.)

● Pilar Port h, i Siargao. centre of E—coast.

Pili o 3,600 (9 ? mi) 36 (00-9-28, 37., 45. vol.)

● Pililla o 2,000, 30 SE 6 mi.

Pinacapuan de Tumanini ri, fr mt Cresta, 7 SE 30 mi to o Tumanini, 8 NNW 10 mi.

Pinaohiuyan mt 8230, pr Ilo-Ilo NW 30 mi.

Pinamungayan o 5,400, i Cebu.

● Pinas, See Las Pinas o 4,000, pr Manila S 8 mi, (99-9-17, 21. I) (00-9-24. 26)

● Pineda o 9,800, Manila S 4 mi.

Pito com, 13 E 14 mi.

● Pitogo o 3,000, "H" ESE 27 mi.

● Pola b, ri, o 572, 39 SE 27 mi.

● Polangul o 10,000, 37 NW, "P" W 5 mi (00-3-18, 45. I.)

● Polillo h, o 1,400, i Polillo, 23 E 22 mi.

● Pollok, See Palak and Kota-Batoo.

● Polo o 7,500, 27 SE 8 mi (99-3-26) (00-9-)

● Polo Point, i Mindanao S, 5°55, 124°15.

Pompone ? (? Pampoan), i Luzon (01-1-5, 45. vol.)

● Pontabangan o 1,500, 20 NNE 38 mi.

Pontevedra o 9,500 (32 ? mi) pr Capiz.

Popoton com, i Samar, 12°18, almost interior centre.

● Porac o 8,500, 22 NW 6 mi (99-8-10) (99-9-3. 11. 28. Maj. Bell, 27. I) (99-10-16. 17. 28, 9., 36. I) (99-11-2, 36. vol, 4. C) (00-1-23)

Poto o 7,000, i Cebu.

Pototan o 14,500, pr Ilo-Ilo N by E 10 mi (00-2-26) (Janinay, 00-6-8)

Powder Magazine betw Malate and Pasai.

Pozzorubio o 9,100, 16 E by N 22 mi (99-11-18)

Puca mt, 6 E 25 mi.

Puerto Princese cptl 1,600, 1 Paragua S—Extreme, SE—coast.

Pujaga b, 1 Mindanao SE, fr b Davao E, 6°30.

Pullan o 10,000 (8 ? mi) 27 (00-4-17, 35. vol.)

Pumping Station, Manila E by N on r1 San Mateo, fr o Pasig N,
(99-2-17, 1. Neb, 20. Kans on road to Tariquina, N of Pump-
ing Station) (99-2-22, 1. Neb) (99-3-25, 26, 1. Mont, 3. I, 20. Kans,
2. Calif A, 1. Wash.)

Putiao b, See Pilar. 37 S.

● Quiangan (1. S. 12) (99-8-13, 3. I.)

Quiem (Quiom) ?, 1 Luzon (00-12-30, Eng.) (01-1-1, 5. I.)

Quinablagan o 500, d Mati NNE 58 mi.

Quinablagan o 8,900, fr Malolos NE 6 mi, fr 27 7 mi (99-4-23) (99-8-13)

Quingua o 8,900, 27 (7 ? mi) fr Malolos NE 4 mi (99-4-3. 23, C.,
1. Neb.)

● Ragay b, "N" S (SW), o (1. S) (00-3-1, Brooklyn.)

● Redondo mt, 25 SW 10 mi.

Reservoir N of Pasig mouth, in ward Tondo, E, fr mouth in b E
by N (99-3-1, 1. Neb.)

Reunion o 2,300, d Surigao.

Riago com, near 37 (00-4-13, 47. I.)

● Romblon i, 35 SE 100 mi, pr with adjacent i's Tablas, Sibuyan
and Maestro-Campo, 39,000, a ? 813, 16 com, cptl, h 6,800, 1
NW. 12°35, 122°17, N (99-12-18) 8 more o, none 6,000.

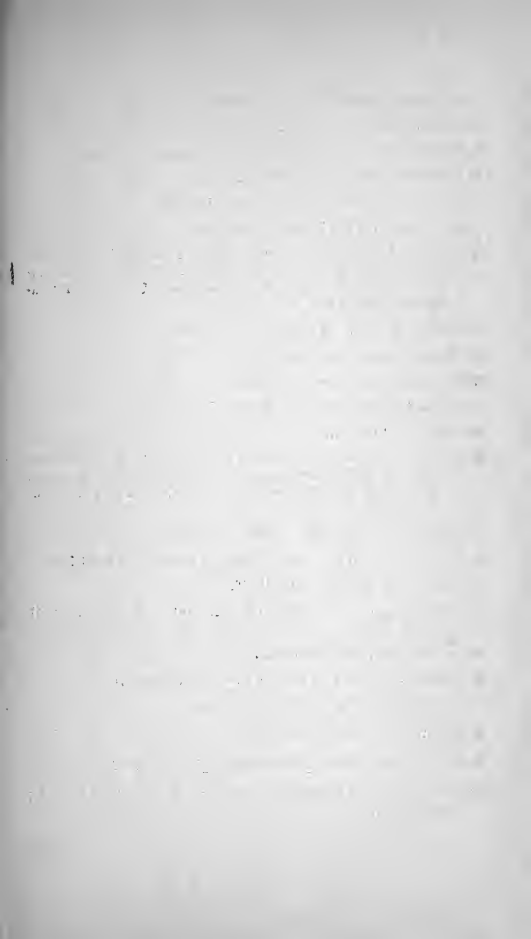
Romblon ?, 1 Panay ? (99-12-18, Concord, Pampanga, 18. I.)

● Ronda o 4,4400, 1 Cebu.

Rosales o 11,500, 20 NNW 42 mi (99-11-16, Maj. Ballance.)

Rosario o 12,400, 34 NE 12 mi (00-1-14) (00-9-)

Rosario o 6,400, 29 W by S 5 mi (99-10-9, G. Schwan) (99-11-14, 13. I)
(00-7-1)



Saban ? i pr Cavite, (99-10-12, G. Schwan.)

Sabang ?, i Leyte (00-12-14, 43. vol.)

● Sablayan h 851, i Mindoro W—coast central, SSW 57 mi.

● Sacasacan o 700, 10 N by E 10 mi.

Sagay o 5,100, i Camiguin S (48 ? mi) d Misamis.

Sagod (Sogod) o 4,700, i Leyte S by E 85 mi.

● Salassa o 7,000, 16 S 3 mi, fr S, SSE on road: Nalbogan, Salomaki, Cauagan, Caman, Aguilar 4,400, Baluga, Ninag, Lukakate, Bayabog, Bayabas, Cabayugan, Umagui, Mangatarem 10,000, 16 SSE 18 mi.

Salcedo o 4,500 (60 ? mi) i Samar.

Salomaqui com, See Salassa.

● Saltan ri, See Malaueg, 7 WNW.

Salvacien ? com, i Luzon (00-8-17, 45. vol.)

● Samal i in b Davao.

● Samar ("disguise") i, pr 200,000, a 4,800, including adjacents 254 com, cptl Catbalogan 6,500, 37 more o, 5 over 10,000. Calbayog 30,250, NW—coast 12 mi, Candara, Basey, Guluan, Catarman.

Samboan o 10,400 (68 ? mi) i Cebu.

● Sambulau'an Port, b Illana, NNE of h Tiguma, 7°34, 123°18.

Sampaloc com, o Manila suburb NE.

Sampaloc com, pr Tayabas (35) N 8 mi (00-1-29, 28., 39. I, 30. vol) (00-2-4, 30. vol.)

● San Andres h, See Banalakan.

● San Antonio o 7,300 20 W 2 mi (00-6-28, Lt. Draper.)

San Antonio mt, i Marinduk in E—range.

● San Antonio o 1,600, 32 NE 9 mi.

● San Antonio o 5,000, 18 S by E 22 mi (99-9-9) (01-1-25, 15. I.)

San Augustin c, i Mindanao SE—Extreme, S of b Pujada, on b Davao E.



- San Bernardino Straits, along S—coast i Luzon, specially N of i Samar.

San Blas ? com, i Panay (00-7-1, 26. I.)

San Carlos (1. S) fr 16 SE 10 mi (00-3-30, 17. I)

San Carlos, ward to com Catatrava 2,700, pr W—Negros S 75 mi.

Sanco Point, i Mindanao, E—coast central, fr Bislig E.

San Cristobal mt 7357, "H" NNE 5 mi.

San Diego ri mouth, near San Pablo (00-1-21,30. I, C.)

San Domingo de Basco cptl 3,000, Batan i's.

San Enrique o 3,600, pr W—Negros.

San Enrique o 3,000 (27 ? mi) pr Ilo-Ilo (99-3-28)

- San Esteban Point, o 2,100, 5 S by E 17 mi.

- San Fabian o 9,000, 16 NE 14 mi (99-9-14, gunb Paragua) (bom-
barded, 99-11-7. IO, 13. I, Bennington, Princeton, Helena,
Manila, Callao, Samar.)

- San Felipe o 4,300, 18 S by E 20 ml.

San Felipe Castle, See Zamboanga.

San Felipe Neri 5,500, Manila E 3 mi (99-2-7)

- San Fernando o 3,300, 36 S 7 mi, mt 36 S 10 mi.

- San Fernando o 13,300, 22 NE 4 mj (99-5-22) (99-6-1. 16. 22, Maca-
bebes.)

San Fernando (? which) (99-10-11) (99-10-29, 4. C.)

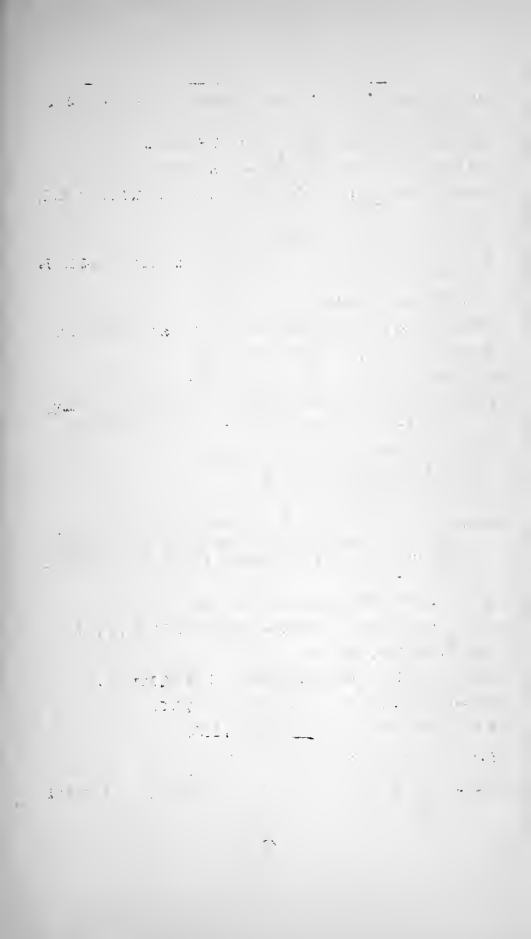
San Fernando o 12,200, i Cebu SW 15 mi.

- San Fernando cptl (1. S. 13) (99-8-2. 7. 8. 9, Concord, Yorktown,
Callao, Pampanga, 9., 16., 17., 22. I, 51. Iowa, 11. A)
(99-8-9 Calulet 6 mi.)

- San Francisco de Malabon o 9,000, 29 S by W 7 mi, (99-10-10. 11.,
13. I, 4. A, Eng) (01-2-21, 4. I) (01-3-22, Surr to 4. I.)

San Francisco com, 34 NE 27 mi (00-1-18) (00-2-16, 39, I.)

San Francisco del Monte, Manila NE 4 mi (99-2-23, Utah A.)
(99-3-25)



- San Francisco com, ? 13 (San Fernando, mts, 00-1-3, 3. C)
(00-3-3, 3. C.)
- Sanguil vo, i Mindanao, fr S—Extreme NNE 10 mi.
- San Jacinto h, i Ticao, NE—coast centre.
- San Jacinto o 5,100, 16 E by N 14 mi (99-11-11, 12. Hos, 28. I, 33. vol) (00-5-7)
- Sanildefonso ? (near 20) (99-5-13.14)
- San Joaquin o 14,000, pr Ilo-Ilo, W 34 mi (in mts, 00-1-17, G. Hughes.)
- San Jose o 9,000, 36 E 24 mi.
- San Jose o 1,300, 6 SSE 12 mi (99-11-9. 12, 22. I, 3. C, Macabebes.)
- San Jose o 10,000, 34 N 9 mi.
- San Jose o 2,400, pr Bulacan (27), fr Manila NE 19 mi (00-9-)
- San Jose de Buena Vista cpl 5,000, pr Antique, fr SW—Ex-
treme i Panay N 30 mi, 10°43 (00-1-17, G, Hughes) (00-10-10)
- San Jose o 852, 20 N 32 mi (99-11-9) (00-3-27. 31)
- San Jose ?. i Samar (00-3-11, 43. vol.)
- San Isidro de Campo o 3,400, i Leyte S 12 mi, on b.
- San Isidro cpl (1. S. 20) (petroleum) (99-5-17) (99-7-30, 1. I)
(99-9-11, 4. I) (99-10-20. 29, 22, I) (gunb. "Mariveles," 99-10-19)
(00-1-31, 34. vol) (00-4-7, execution) (00-5-25) (00-6-3) (00-10-24,
17. I) (01-1-24. 25)
- San Juan de Guimba o 3,000, 19 NE 15 mi.
- San Juan de Soite o 300, d Surigao E, SSE 125 mi (01-1-26, 40. I.)
- San Juan o 6,000, pr Bohol.
- San Juan del Monte o 2,000, Manila E 4 mi (99-2-4, Ins. fire.)
- San Juan o 14,000, 34 E by N 26 mi (? 00-2-26, 3. C.)
- San Juan o 12,200, 13 N 4 mi (? 00-2-26, 3. C.)
- San Juan ri, across road to Isidro (20.)
- San Luis o 10,300, 22 ENE 11 mi (99-5-10, g. bs, 8. incend)
(99-8-12, 22. I.)



San Luis o 5,200, 34 NW 10 mi.

San Luis Isabela ? com (99-12-3, 24. I.)

● San Manuel o 600, 16 E by N 30 mi (99-11-18, G. Young) (00-4-8)
(00-5-6. 8, 13. I.)

● San Marcelino o 4,000, 18 SSE 25 mi.

● San Marcial com, 6 S by E 6 mi.

● San Mateo o 6,700, Manila NE 13 mi (99-8-11, 29, 4. C, 21., 24. I)
(99 11-11. 12. 22, 16., 24. I) (99-12-18, 9.30 a. m. G. Lawton, +)
(99-12-19, 7., 27., 29. I, 11. C) (00-8-24, 27. vol) (00-9-)

● San Miguel de Maguma o 20,500, 20 SE by E 10 mi, 27 N by E 25
mi (99-5-8. 13. 23. 29, 3. I) (00-4-29, 35. vol) (00-6-3. 10) (00-8-1)
(01-2-11, Surr to 35. I.)

● San Miguel de Camiling com, 19 NNW 20 mi.

● San Miguel (Sarrat) ("heavily burdened") o 9,000, 4 SE 4 mi.

San Miguel o 7,300, pr Ilo-Ilo NW 9 mi.

San Miguel o 4,100, i Leyte NW 19 mi (00-8-20. 26, 43. vol.)

San Miguel Point i's, "R" W by S 30 mi.

San Miguel b, "N." "O," 36 N (00-2-20...25, landing 40., 45. I, A, Sig,
Eng, Marietta.)

San Miguel com, 19 S by E 4 mi.

San Narciso o 7,300, 18 S 20 mi.

● San Narciso o 1,100, "N" SSW 35 mi.

San Nicolas o 17 800, i Cebu.

● San Nicolas o 9,600, 4 S 2 mi.

● San Nicolas o 10,200, 16 E 35 mi (99-10-18, 4. I) (99-11-12. 14. 15. 18.
19, 18., 45. I, 3. C, 33. vol) (00-12-31, 32. vol.)

San Nicolas com, fr Imus E 2 mi, pr Cavite (99-10-9. 11. 14)

● San Pablo o 19,600, 32 SW 3 mi (00-1-14, 19. 20. 21. 31, 37., 39. I. 30.
vol, C) (01- - , 49. vol.)

● San Pascual, See Burlas.

● San Pedro o 7,400, pr Antique N 4 mi.



● San Pedro Mascati o 3,900, Manila SSE 4 mi, (99-2-4. 5. 18.19.20. 23. 27. 28. 20., 23. I, 1. Idaho, 1. Calif, 1. Wash, 1. Neb, 1. Mont, 3., 6. A, Eng, Utah, Oreg, g. bs.) (99-3-4. 6. 11. 12. 16. (99-3-4, 13.17, near blockhouse 4. C, 20., 22. I, 10. Penn, Wash, Oreg, 6. A) (99-4-18, 15 cascós, 14. I, 4. C, 1. N. Dak, 1. Idaho, A., gunbs Laguna d. B., Napitan, Oeste) (99-6-9, G. Pio del Pinar cptd.)

● San Pedro Tunasan o 3,700, 29 SE 19 mi, on Laguna (99-11-5. 6. 19, 4. C, 17. I.)

San Quintin o 725, 6 WSW 8 mi on ri Abra (00-6-25)

● San Quintin o 6,900, 20 N 45 mi (99-11-12, 3. C, 22. I, Macabebe) (00-10-4. 24, 3. C.)

San Rafael o 8,500, 27 NNE 12 mi (99-9-6. 11, 3. I.)

San Remigio o 6,200 (69 ? mi) i Cebu.

San Remigio o 2,500 (11 ? mi) pr Antique.

San Rock (suburb to Cavite Nuevo) com 5,000 (99-2-9, 51. Iowa, Calif A, Wyo A)

● Santa o 8,500, 5 ESE 4 mi.

● Santa Ana o 6,100, 22 NE by E 13 mi, fr Arayat 3 mi (99-10-7, 24. I.)

Santa Ana o 2,200, Manila E 3 mi (98-8-13) (99-2-5. 15, 6. A, 1. Oreg, 13. Minn) (00-2-28, Insurg. repulsed by residents.)

Santa Ana o 900 (20 ? mi) d Misamis (01-1-19, 28, vol.)

Santa Barbara o 13,000, pr Ilo-Ilo N 8 mi (99-2-14, 18. I) (99-11-22, 18. I) (Jaro, 00-10-2)

Santa Barbara o 7,600, 16 E by S 12 mi (99-9-9, "Oregon") (99-11-22, 18. I.)

● Santa Cruz de Ilocos Sur o 5,900, 5 S 35 mi.

● Santa Cruz de Malaban o 8,500, 29 SW 9 mi (99-10-10, G. Schwan.)

● Santa Cruz de Laguna (1. S. 32) (99-4-9. 10. 11.. taken) (00-1-19, 17. I) (00-2-14, 42. I) (00-3-7, 37. vol) (00-4-13, Good Friday) (00-5-3, 44. I) (00-6-1. 11, 16, 33., 37. I, 11. C) (00-10- , 34. vol) (00-11-13, 4. C.)

Santa Cruz de Mindoro o 300, i Mindoro.



● Santa Cruz de Napo, h 15800, i Marinduk NE, pr Mindoro E 55 mi, (00-9-12)

Santa Cruz com, 8 W by N 12 mi.

Santa Cruz com, 7 W 32 mi.

Santa Fe o 3,100, i Cebu.

Santa Fe ?, i Leyte (00-7-24)

Santa Lucia o 7,100, 5 S 32 mi (00-1-24, 3. C) (00-5-29)

Santa Lucia ? com, i Cebu (01-1-29, 44. I.)

● Santa Maria de Luzon o 2,600, 8 E 10 mi.

● Santa Maria de Ilocos Sur o 10,000, 5 SSE 16 mi (00-12-)

● Santa Maria de Pandi o 10,500, 27 ENE 16 mi (99-4-12, 10. Penn, 2. Oreg, A.)

● Santa Maria de Zamboanga o 2,200 N 60 mi, d Zamboanga W—coast.

Santander o 4,700 (88? mi) i Cebu.

Santa Rita mt, 21,25.

Santa Rita o 7,400, 22 suburb (99-5-23. 25, Kans, Mont, Utah A) (99-8-10) (99-9-3. 9. 11, 36. I) (99-10-18. 22, 36. I.)

Santa Rita o 4,400, i Samar SE 25 mi.

Santa Rosa o 4,300, 20 N 7 mi (99-10-27, G. Young.

Santa Rosa o 9,400. 29 SE by E 27 mi.

● Santiago o 4,100, 5 S by E 19 mi.

● Santiago Point c, com, 34 W by N 27 mi (00-1-21, 37. I.)

Santo Cristo com, 20 SE by E 5 mi.

Santo Domingo de Basco cpti 3,000, i's Batan.

● Santo Domingo o 8,900, 5 N 4 mi.

Santolan com, near waterworks (99-3-6. 25, Neb, Col, Wyo, Utah, Oreg, A, gunb.)

● Santo Tomas o 6,500, 13 SW 25 mi (99-11-14. 15, 13. I.)



● Santo Tomas o 10,800, 34 S by E 23 mi, "G"—SW 3 mi (99-11-18, 19, 30. I, 3. C) (00-1-9.11.) 14, 20, 36., 37.. 39. I, A, C) (00-12-30, 1. C.)

Santo Tomas o 4,300, 22 E 10 mi (99-5-4, Macfarthen.)

● Santor o 2,900, "E" WSW 14 mi, 20 NE 24 mi (00-6-4)

● San Vicente i, 1 S 5 mi, in channel (00-11-21, 45. vol.)

● Sapián o 4,900, pr Capiz W 10 mi,

● Sapongan Lake, d Surigao SE 30 mi.

Sara o 11,000 (75 ? mi) pr Ilo-Ilo.

Sarangani b, i Mindanao S, fr S—Extreme NNW.

● Sarapsap o 7,100, 18 N by E 58 mi.

Saravia o 15,300 (8 ? mi) pr W—Negros.

Sariaya o 7,000, "H" S 8 mi (00-1-19. 21, 38. I, 11. C) (00-7-26) (00-8-23, 30. vol) (00-10-23, 38. vol.)

Sebaste o 3,700 (66 ? mi) pr Antique.

Sebu, See Cebu.

● Sexmoan o 8,000, 22 S 4

Sevilla o 5,900 (47 ? mi) pr Bohol.

Siagon islet, near Corregidor i (99-10-16, boat's crew "Mariveles.")

● Siargao i, fr i Mindanao N—Extreme E by N 75 mi.

Siassi i, Tawi-Tawi Group (99-5- , garrisoned by 23, I.)

Siaton Point, i Negros E—Extreme, o 8,100 (203 ? mi) pr E—Negros.

Sibala com, pr Antique ESE 20 mi, mt i Panay NE.

Sibalom o 11,700 (6 ? mi) pr Antique (00-1-17, G. Hughes) (00-9-11, 19. I.)

Sibayan mt, "P" N by W 16 mi, "O" SE 5 mi.

● Sibonga Port, o 23,500, i Cebu SW 5 mi, 9°41, 123°3.

● Sibug ri, 10. 8 , 8 NW 5 mi.

Sibuh ?? (99-12-10, 4. C.)

Sibuget b, i Mindanao S, fr i Basilan N 70 mi, 7°31.

Sibul ? (? Sibulan) (99-12-10) (00-6-1, 35. I.)



Sibulau o 6,300 (4 mi) pr E—Negroes, See Sibul and Tibuan (99-8-20)

Sibutu (outside treaty boundary, taken in) i near Borneo (Burni)
N (99-12-21, U. S. flag raised with the assistance of the Dato.)

Signipi o 11,800, pr Bohol.

Siguboy o 900, d Mati SW 18 mi.

Sikogoni, channel near NE—coast i Panay (99-10-16)

● Silang o 7,400, 29 SSE 26 mi (00-1-6... 11, 4., 11. C, 28., 30., 38., 45.,
46. I, A) (North of Silang: 4., 11. C, 4., 28, 38., 45. I, Astor B.)

Sllay o 14,500. pr W—Negros N 9 mi.

● Sinait o 8,000, 5 N by E 22 mi (00-9-12, 12. I) (00-10-6, 3. C.)

Sindangan b, i Mindanao NW, 8°5, 122°50.

● Similoan o 5,700, 32 N 10 mi (00-5-30) (00-7-26) (00-9-16. 17. 18)

● Siquijor (Sikijor) o 11-800, upno i S., pr Bohol SW 38 mi.

● Siroma o 679, 36 NNE 24 mi.

Sogod o 6,700, i Cebu.

Sogod o 4,700 (56 ? mi) i Leyte.

● Solana a 5,600, 7 WNW 5 mi.

● Solano o 4,200, 15 N 3 mi.

● Solsona b, o 4,000, 4 E by S 12 mi.

Sooloo. See Jolo.

Sorsogan (1. S) (00-1- , Kobbe) (00-8-17, 47. vol) (00-11-20, 47. vol.)

● Suay o 3,000, pr W—Negros S by W 46 mi.

● Subig (1. S) (00-1-29, 25. I) (00-11-10, 25. I) (01-2- , Surr.)

Sudlon mts, i Cebu (00-1-8)

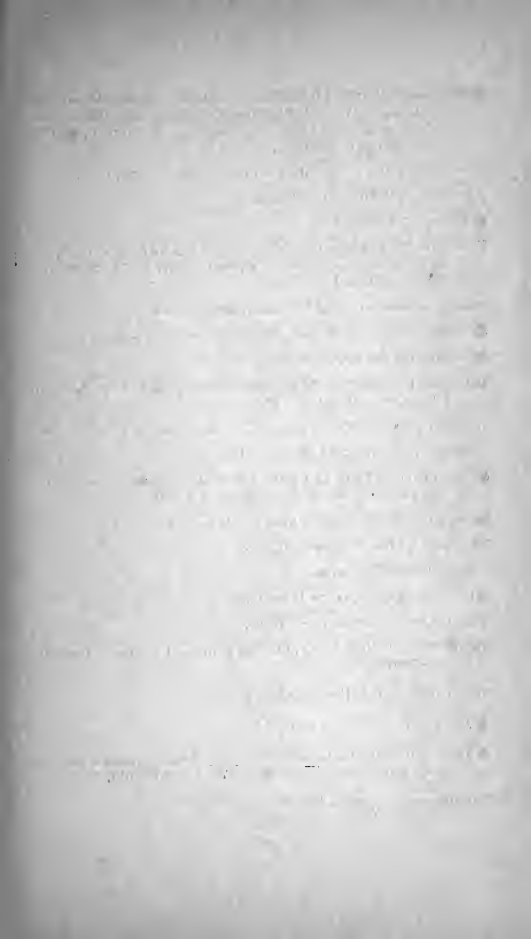
Sugut (Soogoot) mts, fr Kota-Batoo E 23 mi.

Sulat o 4,600, i Samar.

Sulug com ? (in near mts, 99-12-24)

● Sumag o 4,300, pr W—Negros SSW 4 mi.

Sumban Point, at entrance to b Sarangani S.



- Surigao Straits: fr i Bohol S, fr i Leyte SE, fr i Mindanao NW, fr i Dinagat W; d i Mindanao N—Extreme, 96,000, 85 com, (abaca, palay) cptl 6,300 N—Extreme, 25 more o, 2 over 10,000, Butu'an, Cantilan,

Suso com. i Cebu W, toward the middle line, N 44 mi, 10°55.

Suyo com, 6, WSW 6 mi, 5 E 12 mi.

- Suyoc o 750, 11 SE 9 mi.

Taal (1. S. 33) lake, See Bombon, o T. and o Lemery (00-1-19. 20, 38., 46. I, "Nashville") (00-2-13, 47. vol) (00-6-7) (00-7-6. 22, 28. vol, Sig) (01-2-10, 39. I.)

Taaleno a steamer (cptd by "Mariveles," 99-9-22)

- Tabaco o 17,400, 37 N 15 mi (00-2-2. 13, 47. vol) (00-5-22, 43. I.)

- Tabang o 2,900, 7 NNW 22 mi.

Tablas i, pr Mindoro, W of i Romblon, mt 2405, Port Loog on SW—coast 4,500 (00-6-)

Tabogon o 8,600, i Cebu, northern E—coast, N 42 mi, 10°45 (00-9-30)

Tabuan ? (? W—Negros) (99-10-1, 6. I.)

- Tacloban cptl 5,200. pr Leyte, northern E—coast, (00-2-1, Col_t gun explo) (00-4-27, 43. vol) (00-9-30, 43. vol.)

- Tagadan mt ? (? i Luzon near 5) (99-12-4, 34.I.)

Tagatay ? ?, i Luzon (00-6-14, 47. vol.)

Tagayan ? See Tuagayan.

- Tagbilaran cptl 8,600, pr Bohol SW.

Tago o 1,900, d Surigao E, SE 77 mi.

Tagolo Point, i Mindanao N, nearest point to i Negros, b Dapitan NE—Extreme.

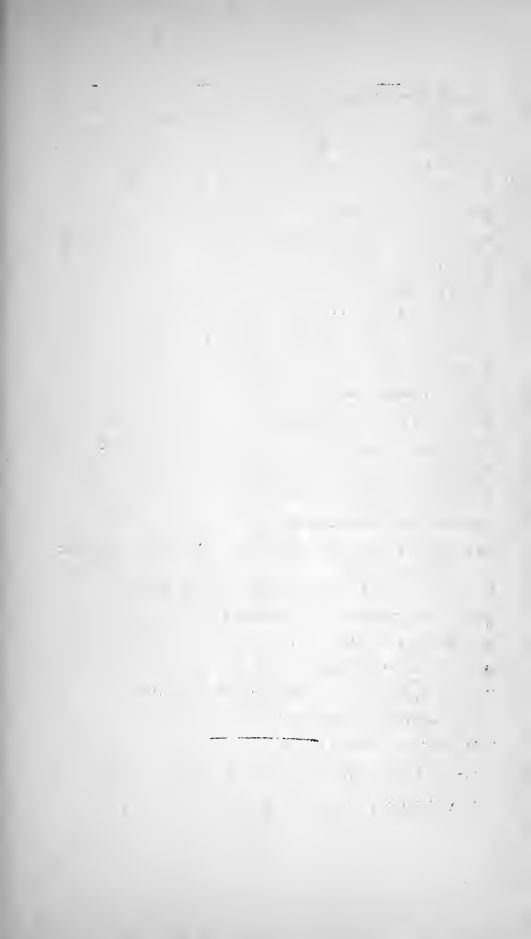
Tagoloan o 3,400. d Misamis NE 10 mi.

- Tagudin o 4,000, 5 S 45 mi (00-2-7)

- Taguig o 9,700, Manila ESE 8 mi, on Laguna (99-3-14, 18, 6. A, g. bs, 1. Wash. 22. I) (99-4-20. 27, 17 mi N of Taguig, Wash.)

Tagulaya o on b Davao W. 6°52.

- Taison (Teson) o 7,000, 34 ENE 15 mi (00-4-16, 38. vol) (00-12-12, 18. I.)
- Talambang o 6,200 (1 ? mi) i Cebu.
- Talavera o 2,700, 20 N 20 mi (99-10-27, G. Young) (99-11-1) (00-10-10, 44. vol.)
- Talibon o 7,300, pr Bohol, on N—coast, 40 mi.
- Talisay o 8,100, 34 N 28 mi, on Lake Bombon at foot of mts **Sungay S** (missing, 00-1-12)
- Talisay o 19,000, i Cebu SW 6 mi (00-1-12, 21. I)
- Talisayan o 1,700 (55 ? mi) d Misamis.
- Talubin o 600, 10 E by S 7 mi.
- Tambo com, on Manila b, fr Paranaque N 1 mi (98-7-)
- Tambobong o 25,000, Manila N by W 5 mi.
- Tambongan h, i Catanduanes N on b, 14°—.
- Tamontako o 1,900, Kota-Batoo 3 mi.
- Tanaban (? Tanauang) o 18,500, i Leyte S 6 mi (99-11-11, 17. I)
- Tanauan o 20,000, 34 N by E 25 mi (00-1-13, 38. I) (00-7-21) (00-9-23, 39. vol.)
- Tanauan o 18,500, i Leyte S 6 mi, See Tanaban.
- Tanay o 4,500, 30 SE 4 mi.
- Tandac ("dance") or as in some map i Tanda ("beacon"), o 5,200, d Surigao E, SE 76 mi, 9°3.
- Tangadan mt ? (near 6 or 5) (99-12-4. 7, 33., 34, I, 3. C) (00-2-6)
- Tangalan o 3,000 (51 ? mi) pr Capiz (00-2-24, 6. I.)
- Tanjay o 12,400, pr E—Negros NW 15 mi.
- Tanon Straits, betw i'3 Cebu and Negros.
- Tanya ?, i Panay (00-12-12)
- Tapaz o 2,900, pr Capiz SSW 22 mi.
- Taragnan o 3,900, i Samar (00-5-22, first Mass—Surr) (00-5-28)
- Tarlac (1. S. 19) (99-11-12, 36. I, 4. C) (99-12-2. 3. 10, 25., 36. I) (00-5-22, Surr) (00-6-15, G. Macabulos cptd.



Tarrijor, See Torrijos.

● Tayabas (1. S. 35) (00-1-23. 23, Hayes' C, 30. vol) (00-2-24)

Tayug (1. S) (99-11-12. 21. 25, 3. C, 22. I, Macabeles) (99-12-2, 24. I)
(00-8-1. I2)

Tayum o 2,400, pr Abra NE 2 mi (01-2-2, 5. I.)

● Ternate o 1,800, 29 SW 17 mi.

● Teresa o 4,200, 30 NW 3 mi.

Terragona ?, i Leyte (01-1-9, 43. vol.)

Teson, See Talson.

Tetuan o 5,600 (1 mi) d Zamboanga.

Tibaguin ?, i Luzon (00-6-3, 3. I) (00-7-3, 3. I.)

● Tibiao o 5,400, pr Antique N 44 mi.

Tibuan ?, i Negros (99-8-20)

● Tigbauan o 9,100, pr Ilo-Ilo SW 7 mi.

● Tiguma b, h, Illana b, 7°44, 123°24, fr Sambulauan NNE.

Tikao com, i Tikao E, near S of centre of i.

● Tikao i, fr i Masbate N, 38 W 40 mi.

Tila Pass ?, i Luzon (99-12-2, 33. I.)

Timakao mt, i betw the two mouths of ri Mindanao (5 mi apart),
See Kota-Batoo.

Tinaka Point (Cape Sarangani) i Mindanao S—Extreme.

Tinuba mts, i Mindanao NW (00-3-4, 9. I.)

● Tivalbal o 4,00, 14 NW 8 mi.

● Tivi o 10,200, 37 N 20 mi.

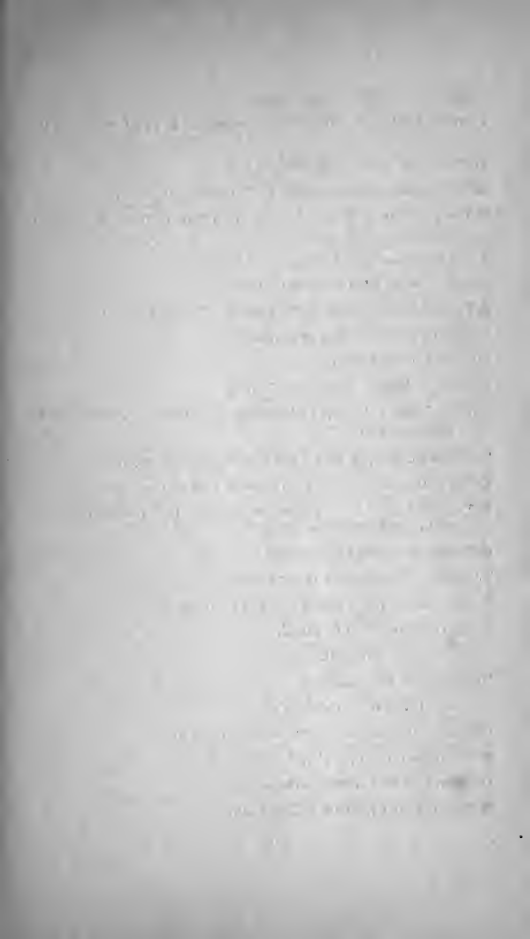
Tobogan ri, sources : "N" NW 14 mi, W to o Capalonga

Tobantin-Bridge ? (99-11-24, 35. I.)

Toledo o 11,000, (39 ? mi) i Cebu.

Tolon b, o 1,500, i Negros SW.

Tolosa o 5,600 (14 ? mi) i Leyte.



- Tonoxia'an ? com, i Cebu (00-12-12)
- Torrijos o 3,100, pr Mindoro, i Marinduk, E 44 mi (00-9-3, 13, 14, 29. vol.)
- Trocin ? near Bulan (1. S) (00-4-26)
- Tuagayan com. i Mindanao E, 8°7 (99-12-4 (00-6-13, 14)
 - Tuao o 5 000, 7 W by N 14 mi, fr Aparri SSW 53 mi (00-5-21) (00-7-15)
- Tubai mt, d Surigao, 9°7.
- Tubay (Tabay) o 500 (70 ? mi) d Surigao.
- Tubig o 3,400, i Samar E, ENE 36 mi, 11°58, (01-3-22, 6. C.)
- Tubigon o 15,900 (28 ? mi) pr Bohol.
- Tuboc o 1,100, 11 SE 7 mi.
- Tubuan ?, i Negros (99-9- , 6., 17., 19. I.)
- Tubud (Tugod) Point, i Mindanao NW—coast, 123° 20, fr Pt. Tagalo S 2 mi.
- Tubungan o 4,400, pr Ilo-Ilo WNW 19 mi (00-10-15, 26. vol.)
- Tuburan o 10-800, i Cebu SW—coast, SSW 66 mi.
 - Tuguegarao (1. S. 7)) : Marague, Pangul, Hermita, Mauangan, Malaueg, Santa Cruz (32 mi W.)
 - Tamanini o 4,000, 8 NNW 10 mi.
- Tungallo com, suburb N fr Paranaque.
- Two-Peaks mt 4797, i Camiguin N of i Mindanao.
- Ubay o 3,600 (48 ? mi) pr Bohol.
- Ulila com, "G" NW 5 mi.
- Umagui com, See Salassa.
- Umbao ?, i Luzon (00-11-26, 9. C.)
- Umingan (Hnmingan) o 5,800, 20 N by W 45 mi.
- Urdaneta o 16,600, I6 E by S 23 mi.
- Urdaneta mt 6214, d Surigao SE 40 mi.
- Uson o 2,100. i Masbate NE (56 ? mi.)

Vaderrama o 4,400 (25 ? mi) pr Antipue (00-3-10)

Valdez ? (Viscayas) (99-7-28, 6. I.)

Valencia o 6,900 (26 ? mi) pr Bohol.

● Valladolid o 14,000, pr W—Negros S by W 18 mi.

Vicol, See Bicol.

● Victoria o 10,400, 19 NE 6 mi (99-11-16)

● Viga o 2,900, 37 N by E 4 mi.

● Viga com, 1 Catanduanes, northern centre,

● Vigan (1. S. 5) 99-11-26., 28, 22, 33, I, C, scouts, Oregon, Collao, Samar) (near V, 99-12-4, 34. I) (00-1-4. 33. I) (00-7-4, first election.)

Vilar o 6,700, pr Bohol.

Villaba o 3,300 (97 ? mi) Leyte.

Villa Real o 6,100 (50 ? mi) . Samar.

Villasis o 12,000, 16 ESE 24 mi.

Villavieja o 900, 6 S 22 mi (00-8-15. 28, 33. vol, 4. I.)

● Vintar o 11,800, 4 ENE 4 mi (00-4-16) (00-10-24, 34. vol.)

● Virac o 5,800, i Catanduanes on b to SE 13°35 (00-1- , Kobbe.)

Visaya I's: Panay, Bohol, Cebu, Negros, Samar, Leyte, Romblon, e c.

Vutol, See Butol.

Waterwork fr Manila E 7 mi on Mariquina ri (99-2-6)

Western-Negros pr 227,000, 130 com, a 1,929, cptl Bacolod 6,300 NW. 25 more o, 8 over 10,000, Saravia, Silay, Valladolid, Jinigaran, La Carlota, Pentevedra, Minlluan, Isabela.

Zambales pr, N in mts near Mangatarem, 99-11-16. 28, 3., 33., 36. I) (00-1-24, 36. I.)

● Zamboanga d, i Mindanao SW, on Basilan Straits, cptl 21,300, with Castie Filipe near by (99-5-11. 24, natives attack Span) (99-8-26) (99-11-16. 18, 23. I, "Castine," natives, Moros (00-7-4) 4 more o, none over 6,000, Tetuan 5,600, Mercedes 2,400, Santa Maria 2,200, Ayala 1,900.

Zamboanguita o 5,600 (16 ? mi) pr E—Negros (99-8-26, Dato "Mundi" defeats Insurg.)

Zapote ri, northern part of border-line betw prs Manila and Cavite, ank betw Las Pinas and Bacoor (98-5-30, Filipinos defeat attacking Span troops) (00-1-1, 38. I) (00-9-24)

Zaragosa o 5,200, 20 NNW 10 mi.

Zarraga o 5,200 (8 ? mi) pr Ilo-Ilo.

Zumarraga o 4,600 (9 ? mi) l Samar.

WORDS OF MILITARY INTEREST

IN

ENGLISH AND MALAY.

(About one hundred and sixty of them) selected from 5,000 useful terms contained in the manuscript book "The American in the Philippines." (Copyrighted.)

The hints for pronunciation presented below will, if followed, fully enable one to be understood by any islander who speaks Malay. But as local and individual pronunciation varies among the Malays themselves, an inexperienced ear may be puzzled; therefore be prepared for slight changes. An example of such deviation is the following: the Malayan equivalent for the English word "sea" is very generally spoken so that it sounds like the English word "loud" with a t at the end. Having been originally given its spelling by the Arabians, it still sometimes sounds as indicated in parenthesis, and at times like the term spelled by the author. So there are really three varieties of pronouncing this term, but everyone speaking Malay will understand either of them.

In the Maylayan words in this vocabulary only the vowels a, e, ee, o, oo, are used.

Pronounce: a as in father, also for short a.

e as in let, also for long e, **never** as in he.

ee as in eel, seldom very short.

o as in follow.

oo as in foot or fool.



a'oo, a'ee, e'ee and similars approximately as one syllable, at times really so.

a'hoo, a'hee, etc., with a distinct h.

h in the **beginning** of a word is often dropped, so at the **end** of a word is k (g, q) here c.

y as in yes, **always** as a consonant, also in dy, ty, ny.

Straight vowels long, whether heavy or light, **slanting** vowels short, whether heavy or light, **heavy** vowels with **emphasis**, whether long or short.

[One can easily improve pronunciation by listening, even though individual pronounciation may slightly vary. To find one who can speak Malay, one may inquire by saying: (Speak Malay?) "*ber'-ka-ta ma-la-yoo?*" or "*bee-tya-ra ma-la-yoo?*" or one may inquire: (Is there one who speaks Malay?) "*a-da o-rang ber-ka-ta ma-la-yoo?*" or "*a-da o-ran bee-tya-ra ma-la-yoo?*" or "*a-da o-rang bee'as-sa ma-la-yoo?*"

The Malay is for every tongue the easiest of all languages to pronounce well enough to be understood.

(By reading, aloud, tongue and ear can be trained.)

A way, to walk, go, march, *dya-lan*.

To walk, go, march, *ber'-dya-lan*.

Street, *rooba*.

Highway, mainroad, *dya-lan be-sar*. *dya-lan rad-ya*, *a-la-man*.

Wagon-road, *dya-lan-ka-ret-ta*.

Path, *loo-roong*, *dya-lan soom-peet*, *dya-lan ket-yeel*.

Causeway, *gue-long*

Ta-ga-lo (*Ta-ga-log*), or other local languages, additional to Malay terms, etc.

Path in rice fields, *ga-lāng-an*.

Round-about-way, *dya-lan yang ba-leec ba-leec*.

Shortening-way, *per'-seem-pāng-an*.

Turn-again-way, *dya-lan-mat-tee*.

Sandy-way, *dya-lan pa-seer*.

Muddy-way, *dya-lan ber'loom-poor*.

Stony-way, *dya-lan ba-too*.

Road-guide, *O-rang toon-dyooc dya-lan*.

Railway, *dya-lan bEs-see, dya-lan peng-guee-leeng-an*.

Bridge, pier, jetty-head, etc., *dyam-bāt-tan*.

Drawbridge, *dyam-bāt-tan soon-goo-tan*.

Suspension bridge, *dyam-bāt-tan gān-toong*.

Bamboo-bridge, *dyambāt-tan bām-boo*.

Stone-bridge, *dyam bāt-tan ba-too*.

Wooden-bridge, *dyam-bāt-tan ka-yoo*.

Footbridge, *dyam-bāt-tan ket-yeel*.

Is there a bridge?, *a-da dyam-bāt-tan?*

Is there a wagon-road?, *a-da dya-lan ka-rEt-ta?*

What sort?, *a-pa roo-pa?*

What name?, *a-pa na-ma?*

The blank pages opposite vocabulary to offer a convenience for

A ford, *ha-roong, ka-a-roOng-an, lāng-de'ee*.

Fordable, *bo-le ber-dya-lan troos a-yer*.

To ford, *a-roong, gro-bee-ac, ber'dya-lan troos a-yer*.

Sign, mark, signal, *tan-da*.

Signal-man, *too-kang tAn-da, too-kang sam-boo-yan*.



Signal-book, *kee-tab sam-boo-yan*.

Signal-flag, *ban-de-ra sam-boo-yan*.

Signal-fire, *a-pee sam-boo-yan*.

Signal musket-shot, *sam-boo-yan be-deel*.

Signal cannon-shot, *sam-boo-yan ma-ree'-am*.

Signal of alarm, *sam-boo-yan*.

To signalize, *bree sam-boo-yan*.

Searchlight, *a-pee a-mat a-ma-tee*, *a-pee pa-reek-sa*.

Inundation, *ba, am-po-han, ka-lam-par-an*.

The sea, *la'oot*, (*la-voot*.)

A large lake, *da-noo*.

A moderate-sized lake, *ta-sec*.

A small lake, pond, *te-la-ga, ra-va*.

Great river, *ba-tang*.

River, *soon-guee, soon-gue'-ee*.

Brook, rivulet, *ka-lee, ka-lee ket-yeel*.

River-arm, *a-nac soon-guee*.

River's mouth, *koo-va-la, moo-va-ra*.

Up the river, toward highland, *moo-deec, ka-oo-deec*.

Highland, *oo-deec*.

River-bend, *tee-koong-an*.

River-bank, edge, brim, shore, border, boundary, *peeng-gueer*.

River-bed, *pa-loong-an soon-guee*.

Mainland, continent, shore, land, *da-rat*.

To land, *nya-ec da-rat*.

Country, landscape, the state, the government, *ne-gree*.

Coast, shore, strand, *pa-see-seer*.

Mountain, *goo-noong*.

Volcano, *goo-noong a-pee*.
 Hill, *boo-keet*.
 Foothill, *ka-kee goo-noong*.
 Ridge of a hill, crest, summit, *pOn-tyac*.
 Rain, *hoo-dyan, oo-dyan*.
 Wind, *an-gueen*.
 Distant, far, *dya'oo*.
 Near, *de-kat*.
 Night, *ma-lam*.
 Day, *ha-ree, a-ree*.
 Morning, *pa-guee*.
 Early, *pa-guee paguee*.
 Noon, *tEn-ga ha-ree*.
 Evening (about from 2 p. m. to dark), *so-re*.
 Vessel, ship, *ka-pal*.
 Man-of-war, *ka-pal prang*.
 The head, also: chieftain, *ka-pa-la*.
 The chieftains, *ka-pa-la ka-pa-la*.
 Mayor of a city, *ka-pa-la kOt-ta*.
 Mayor of a village, *ka-pa-la de-sa*.
 Mast, pole, staff, pillar, *tee-ang*.
 A sail, *la-yar*.
 To sail, leave, start, navigate, *ber'-la-yar*,
 Ship's turret, *bEn-teng, bEn-teng ka-pal prang*.
 Palisade, fortification-fence-pole, *tee-ang pa-gar bEn-teng*.
 A fortified place, *kOt-ta, bEn-teng*.
 Water (drinkwater), *a-yer, (a-yer mee-noom*.
 To drink, *mee-noom*.
 Something to drink, *mee-noom-an, (mee-noom-an.)*

To eat, *ma-kan*.

Something to eat, meal, *ma-kan-an*.

To sleep, *tee-dor*.

To awake, get-up, *ban-goon*.

Wake-up! wake-up!, Alarm!, All-hands-on-deck!, *ban-goon ban-goon!*

To will, the will, *ma'oo*.

No, not, *tra-da, tee'ada*.

Toilet, (private cabinet), *dyam-ban, tam-pat be-rac*.

To write, *too-lees*.

Secretary, clerk, *too-lees, dyoo-roo too-lees*.

To read, *bat-ya*.

Letter, mail, something written or drawn, *soo-rat*.

Newspaper, *soo-rat ka-bar ba-roo*.

Fire, (common light for smoking, etc.), *a-pee*,

Fire! (conflagration), *an-goos!*

Fire! (command), *pa-sang-la!*

Fire each for himself!, *tem-bac sen-dee-ree!*

Horse, *koo-da*.

Mare, *koo-da be-tee-na*.

Stallion, *koo-da dyan-tan*.

Gelding, *koo-da ke-bee-ree*.

Colt, *koo-da-moo-da*.

White horse, *koo-da da'ooc*.

White-marked horse, *koo-da pee-tac*.

Pack-horse, *koo-da glad-dac*.

Gentleman's horse, *koo-da ha-loos*.

Dranght-horse, *koo-da en-na-rec*.

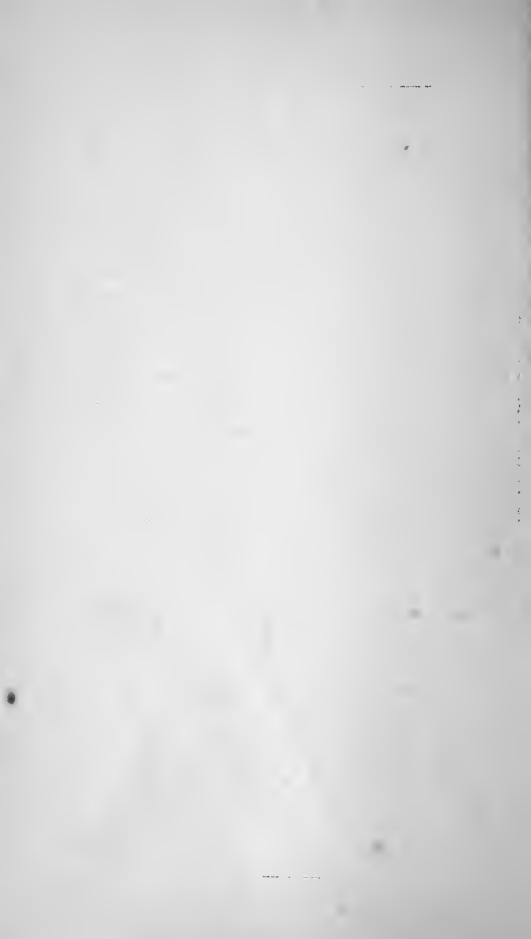


Carriage-horse, *koo-da ka-ret-ta*.
 Saddle-horse, *koo-da toong-gang*.
 Hitt, hittland-horse, *koo-da ket-yeel*.
 Ambling horse, *ka-de-yan*.
 Hoof, *koo-koo*.
 Horse-shoe, *bes-see koo-koo koo-da. bes-see ka-kee koo-da*.
 To shoe (horses), *ta-ro-een bes-see*.
 Mane, *ram-boot, soo-soo-ree*.
 Tail, *e-kor, e'ee-kor*.
 Pace, *lang-ka, dyang-ka*.
 Run, race (also run-away, desert), *la-ree*.
 Galop, *dyang-klang, oong-gool*.
 Standing-up-high, *me-rOn-dyang*.
 To kick-out, *se-pac*.
 To bound (a horse), *mc-lOom-pat*.
 Croup of a horse, *pa-pee'a, ee-kal*.
 Relay, *sa-pas-sang yang dee moo-ka*.
 Pair (of horses), *sa-pas-sang (koo-da)*.
 Span (generally), *yang-kal, bee-la*.
 Stable (for horses), *tam-pat koo-da*.
 Stall, shed, *pOn-dac, ba-rong*.
 Stall in stable, *reeng-ga*.
 Crib. manger, *tam-pat rOom-poot koo-da*.
 Halter, *san-ta-dyee*.
 Curbchain, *ran-te ka-kang*.
 Harness, *a-ba a-ba*.
 Horse-blanket, *ka'een koo-da*.
 Gear, saddle with tackle, *pa-ke'-an koo-da*.

THE
JOURNAL
OF
THE
AMERICAN
MEDICAL ASSOCIATION
PUBLISHED WEEKLY
CHICAGO, ILL., U.S.A.
1914

Horse-bit, head-gear, *ka-kang*.
 Saddle, *se-la, pa-la-na*.
 Girth (for saddle), *sa-bos, tal-lee proot koo-da*.
 To gird, *ter'-ba-bat*.
 Stirrups, *sang-gOOr-dee*.
 Horse-leech, *leen-ta*.
 Glanders, *een-goos*.
 Veterinary surgeon, *doo-kan koo-da*.
 Horseman, *o-rang koo-da*.
 Cavalryman, *o-rang prang koo-da*.
 Infantryman, *o-rang be-deel*.
 Artilleryman, *o-rang ma-ree-am*.
 Mariner, *o-rang prang la' oot*.
 Engineer (military), *too-kang meng-ga-lee*.
 Hospitalman, *o-rang dya-ga o-rang sa-keet*.
 Civil official, *pe-ga-ve ne-gree*.
 Policeman, spy, *ma-ta ma-ta*.
 People, *o-rang o-rang*.
 Ended, finished, done, *ha-bees, a-bees*.

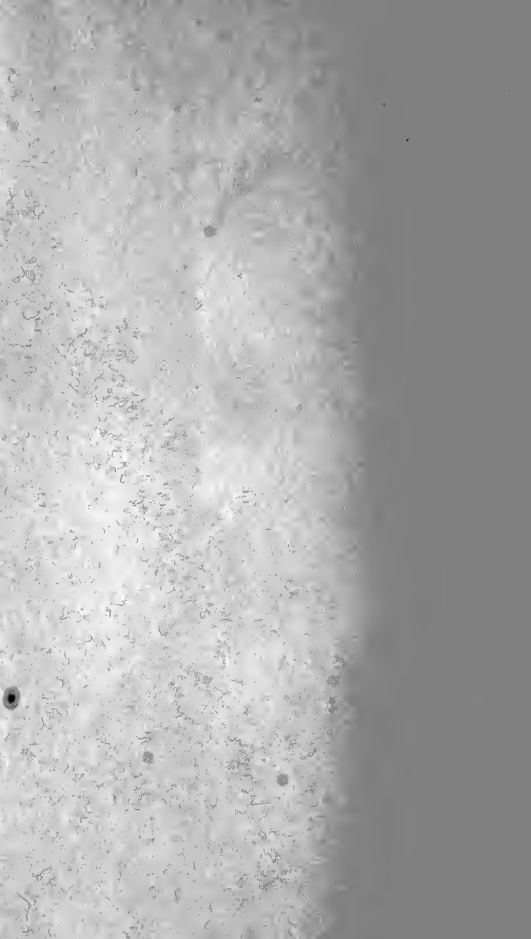




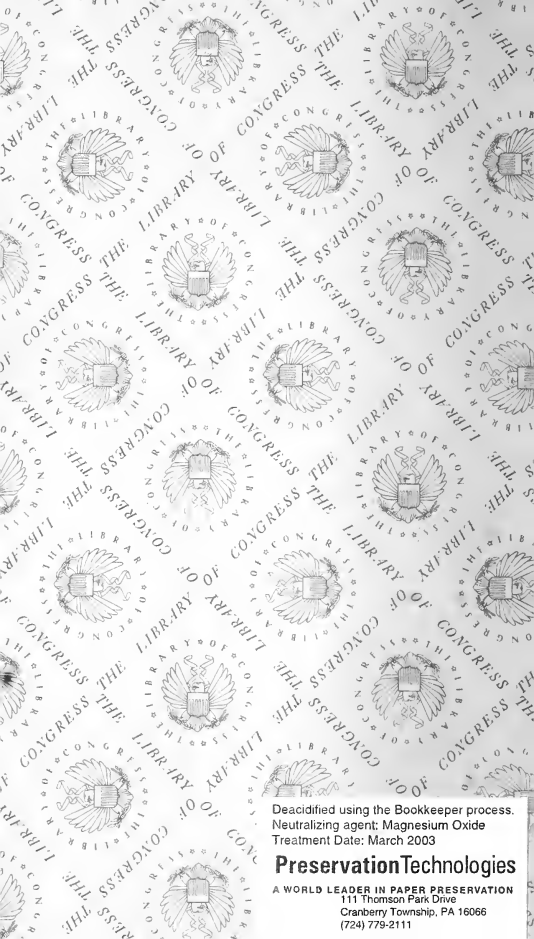










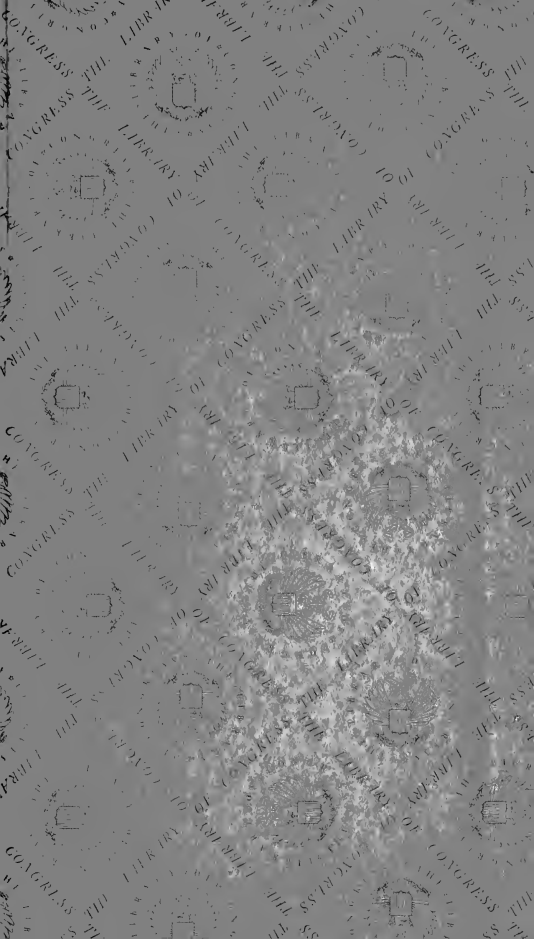


Deacidified using the Bookkeeper process.
Neutralizing agent: Magnesium Oxide
Treatment Date: March 2003

PreservationTechnologies

A WORLD LEADER IN PAPER PRESERVATION

111 Thomson Park Drive
Cranberry Township, PA 16066
(724) 779-2111



LIBRARY OF CONGRESS



0 010 441 090 A